



Digitized by the Internet Archive
in 2014

<https://archive.org/details/b19974760M2832>

THE CHEMIST AND DRUGGIST

FEBRUARY 27, 1932

The



CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2.

Registered as a Newspaper

No. 2716
VOL. CXVI.

FEBRUARY 27, 1932

Annual Subscription (with
Diary) 20/- Single Copies 9d

THE BEST HOUSE FOR

PHARMACEUTICALS

AND PERSONAL
SERVICE

Proprietors of the "Silver Churn"
Dairy Preparations



OLDFIELD, PATTINSON & CO.
MANCHESTER

Telegrams :
"Opium Manchester."

Telephones :
Blackfriars 4682 (2 lines).

Index to Advertisers, pp. 5 & 6.

This **NEW**
BOB MARTIN
Cut-out
 is bringing
BIG SALES
 to
Pharmacists

—if you haven't
 had yours
WRITE
 for it
QUICKLY

AT the present time, a huge Educational Advertising Campaign, running in the National Press, is telling Dog Owners how to give their Dogs a new standard of Winter fitness with Bob Martin's Condition Powders. An effective display reminder is all that you need to bring a remarkable volume of Bob Martin sales.

You only need to consider that almost a half of your customers are dog owners, and practically every one of them a regular buyer of Bob Martin's Condition Powders, to realise that an effective tie-up with the Bob Martin Advertising must bring you immediate profit.

The new Bob Martin Sealyham cut-out is one of the most effective displays ever issued to Pharmacists. No dog owners entering your Pharmacy will be able to resist its appeal, or fail to act on this reminder of their own dog's need for Bob Martin's Condition Powders.



Printed in natural colours, the Bob Martin Sealyham cut-out stands 11" high and occupies only 8" by 2" of counter or window space.

There is a space on your counter or in your window *now* which will bring you big Bob Martin sales when you display this new cut-out. If you haven't had yours, please send a postcard to Southport to-day.

A Bob Martin display is *always* profitable —read this enthusiastic letter from a Liverpool Pharmacist :

387 Edge Lane, Liverpool.

Dear Sirs,

We wish to thank you for the recent display of your dog preparations.

I am sorry that I cannot truthfully give you any figures, for we sell BOB MARTIN'S Powders every day of our lives. Your goods are sure sellers and nine out of ten Dog Customers ask for BOB MARTIN'S. Without giving you any figures, we can truthfully say that the display created much attention, was a success, and we are carrying on this display indefinitely.

Yours truly—S. MEAD.

BOB MARTIN LTD.
 Dog Food and Medicine Manufacturers
SOUTHPORT - - ENG.



BE PARTICULAR

in this—

BUY BRITISH PRODUCTS

Bearing this Sign



**BEST POSSIBLE
BRITISH PHARMACEUTICALS
BETTER PACKS**

with

BETTER PROFITS

See our samples Enquire our Agency Terms Obtain our Price List

BARRETT PROPRIETARIES LTD.

MANUFACTURING CHEMISTS

OLD MILL STREET, BROOKHOUSE, BLACKBURN

YOU MUST READ

THIS 1932 WHITAKER BOOKLET!



Do you know
that there is
now a small
size

LUTON HAT DYE?

This retails at 10d.
and is available for
small hats in addition
to the standard
1s. 4d. size

Our advertising plans and sales helps will interest you. See the illustrations of our beautiful 1932 Combined Window Centre and also of our new Cabinets and Counter Showstands for AURORAL COLD WATER DYES, WINNER HOME and WINNER STOCKING DYES.

HAVE YOU RECEIVED YOUR COPY?
IF NOT WRITE TO-DAY TO

WHITAKER & CO. (KENDAL) Ltd., Dye Specialists, KENDAL, ENG.

A SUCCESSFUL LINE!



Shows
**A PROFIT OF
 25/- ON AN
 OUTLAY
 OF 35/-**

One or two bottles,
 together with our
 neat display
 material on your
 counter, will mean
 extra money in
 your till. New
 show-cards are
 now available.

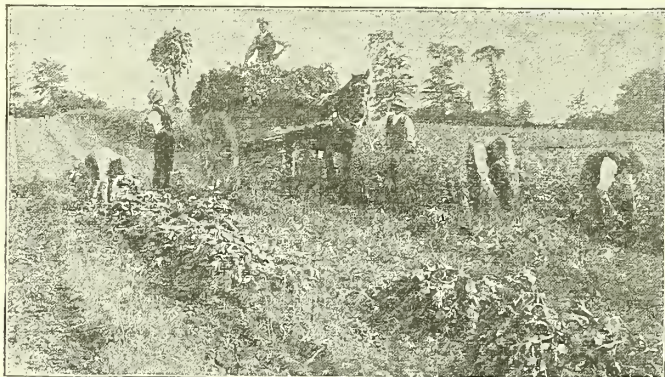
Min. retail - 6d. per bot. of 25
 - 1/6 100
 Wholesale - 4/- & 10/6 per doz.
 Parcel of 35/- 3/9 & 10/- per doz.
BIG PROFITS
 Larger Parcels 3/3 & 9/- per doz.

'SUSTENOID' BRAND **PURE YEAST TABLETS**

Your customers will appreciate the absolute
 purity of Sustenoid brand Yeast Tablets. Repeat
 orders are the general rule. The packing is neat
 and dignified. Excellent show material and new
 style show-cards are supplied free.

THOMPSON & CAPPER WHOLESALE LTD.
 MANESTY BUILDINGS, COLLEGE LANE, LIVERPOOL

The Romance of Empire Drugs (19)



Cutting Belladonna at Long Melford

ALTHOUGH *Atropa Belladonna* with its extensive habitat was doubtless known to the ancient Greeks and Romans, it is not certain that it was actually used by them. Both Dioscorides and Pliny are held to have referred to it under other names, whilst Galen is said to have employed it medicinally. It appears in the *Grand Herbier* printed in Paris about 1504 and Tragus (1532) mentions it as *Solanum hortense nigrum*. According to certain historians it was the herb which caused calamity amongst the Romans in their retreat from the Parthians, whilst the Scots are said to have employed it with effect against the Danes.

Atropa Belladonna grows wild in most European countries. It is cultivated in England and attempts have been made to acclimatize it in America. Its successful cultivation presents some difficulty and considerable experience is required to obtain a therapeutically effective product. The reputation of Belladonna was built on the green extract. Its preparation represented pharmaceuticals in its widest sense, involving as it did cultivation, collection, rapid transit from field to factory, expression of the juice, separation of chlorophyll, evaporation to extract and re-addition of chlorophyll.

**BELLADONNA
ENGLAND**

Staff Allen & Sons

represents a House which has grown Belladonna and manufactured its preparations for practically a century. It has an unrivalled reputation for the excellence of its Belladonna Products.

Est.



1833

The advent of the B.P. 1898 marked a fresh stage in the Therapeutics of Belladonna.

Since then the value of its preparations has depended upon the alkaloidal strength as determined by chemical methods of assay.

Belladonna and its alkaloids, atropine and hyoscyamine, have extensive uses in external and internal medicine, acting as powerful antispasmodics and being given in a variety of pathological conditions. Atropine is also used as a mydriatic in ophthalmic practice.

Wholesale Trade only

STAFFORD ALLEN & SONS LTD

Manufacturing Chemists, Essential Oil Distillers.
COWPER STREET, LONDON, E.C.2.

INDEX TO ADVERTISERS

| | | | | | |
|--|-------------|--|-------------|---|----------------|
| Aerograph Co., Ltd. (Devilbiss Sprays, &c.) | xx | Constipon Tablets | viii | Hackett, S. E. (Film Overstocks) | Col. Supp. |
| Allen, Stafford, & Sons, Ltd. (Belladonna) | 4 | Continental Laboratories, Ltd. (Uralysol) | viii | Hall, Forster & Co., Ltd. (Vaporisers) | xx.i |
| Anglo-French Drug Co., Ltd. (Bivatol, &c.) | xiv | Cora Hotel | 9 | Haller Laboratories, Ltd. (Danysz Virus) | xxix |
| Arnfield, J. C., & Sons, Ltd. (Coconut Oil Shampoo, &c.) | iv | Crookes Laboratories (Iodine and Black Currant Pastilles) | xvi | Harrison, A., & Sons, Ltd. (Printing) | 22 |
| Association of Manfg. Chemists, Ltd. Col. Supp. | | Davenport, J. T., Ltd. (Chlorodyne) | ix | Harvey & Co. (Dublin), Ltd. (Veterinary) | xxix |
| Ayer, Harriett Hubbard, Ltd. (Toilet Preparations) | 15 | Dearborn (1923), Ltd. (Toilet Specialities) | 16 | Haywood, J. H., Ltd. (Surgical Appliances) | xxii |
| Baker Metal Stopper Co., Ltd. (Screw Caps, &c.) | xiv | Dhaussy Powder Box Co., Ltd. (Sifter Box) | 14 | Henry, Thos. & Wm. (Calcined Magnesia) | vi |
| Barrett Proprietaries, Ltd. (Pharmaceutical Products) | 1 | Dubarry Perfumery Co., Ltd. (Powdrettes) | Cover | Hind & Lund, Ltd. (Machinery) | xiv |
| Bayer Products, Ltd. (Bulk Chemicals) | v | Dudley & Co., Ltd. (Glass Counters, &c.) | 9 | Hortby & Co. (Hull), Ltd. (Tins) | 26 |
| Bell, John, Hills & Lucas, Ltd. (Pharm. Preps.) | Leader Page | Edwards Harlene, Ltd. (Hair Toilet Preps.) | 19 | Howard Lloyd & Co., Ltd. (Pills) | vi |
| Benger's Food, Ltd. (Foods) | 32 | Ellams & Co. (Printing) | 26 | International Chemical Association (Renipas) | xii |
| Bennett, Sons, & Shears, Ltd. (Machinery) | 27 | Ellis, J. E., Ltd. (Daisy Headache Powders and Tablets) | xv | Jackson, Ernest, & Co., Ltd. (Glossettes, &c.) | iv |
| Berdoo & Fish (Valuers, &c.) Col. Supp. | | Eucryl, Ltd. (Dentifrices) | 16 | Jackson, J. P., & Co., Ltd. (Filling Machines) | 27 |
| Betts & Co., Ltd. (Collapsible Tubes) | xxi | Evans, Adlard & Co., Ltd. (Filter Papers) | 23 | Johnson & Sons Mfg. Chemists, Ltd. (British Industries Fair) | iii |
| Bidwell, Bidwell & Co., Ltd. (Tooth Brushes) | 18 | Evaus Sons Lescher & Webb, Ltd. (Blood Wine Tonic Essence) | 13 | Josephs, Philip, & Sons, Ltd. (Shop-fittings) | xxi-Col. Supp. |
| Blackie, R. (Toilet Preparations) | 21 | Fairchild Bros. & Foster (Capeopton) | Leader Page | Kalisky, S. (Aldgate), Ltd. (Wanje Blades) | 20 |
| Blythe, W., & Co., Ltd. (Chemicals) | ii | Fellows Medical Manlg. Co. Inc. (Fellows Syrup) | x | Kaycor, Ltd. (Morph Rubber Products) | xxii |
| Bob Martin, Ltd. (Dog Remedies) | Cover | Fulford, C. E., Ltd. (Zam-Buk) | xii | Kent, G. B., & Sons, Ltd. (Brushes) | Leader Page |
| Box, W. H. (Box's Pills) | viii | Gardiner & Co. (The Scotch House), Ltd. (Overalls) | 20 | King, J. C., Ltd. (Counter Display Sets) | 8 |
| Bredt, W., Ltd. (Quadroneal, &c.) | iii | Gattefosse, S.F.P.A. (Oleo Resin of Pyrethrum) | vi | Lee, R. (Manicure Requisites) | 18 |
| Brierley, John (Valuer, &c.) Col. Supp. | | Gem Automatic Weighing Machine Co., Ltd. | Leader Page | Lincoln & Midland Counties Drug Co., Ltd. (Clarke's Blood Mixture in Tablet Form) | vii |
| Brydges (London), Ltd. (Lashtone) | 26 | Genatosan, Ltd. (Genozo, &c.) | xiii | Liverpool School of Pharmacy | 24 |
| Budnip, Ltd. (Powders) | xvi | George, Ernest J. (Valuer, &c.) Col. Supp. | | London Capsule Co. ("Adaptocaps") | xxvi |
| Burroughs, J., Ltd. (Alcohol) | Leader Page | Goldsmith, P. Oliver (Optical Repairs) | 24 | London College of Pharmacy | 24 |
| Burroughs Wellcome & Co. ("Haze-line" Snow, &c.) | 31 | Gollin & Co. Pty., Ltd. (Aspro) | xix | Manchester Tutorial College | 24 |
| Carnegie Bros., Ltd. (Chemicals, &c.) | iv | Grout & Co., Ltd. (Crêpe Bandages) | xxiv | Mandall & Co., Ltd. (Licorine) | xvi |
| Carter Bros. (Atlas Kattle Kure) | 26 | Guest, H. Marcel, Ltd. (Capping Solution) | 25 | Marlborough & Co., Ltd. (Queen Anne Lavender Water) | 20 |
| Christy, T., & Co. (Cachet Machines, Py-shan Points Tea) | 26-32 | Guest, T., & Co., Ltd. (Tablets) | 25 | | |
| Clark, Cicero S. (Cachets) | 26 | | | | |
| Clark, S. F. (Valuer, &c.) Col. Supp. | | | | | |
| Claroct Co., Ltd. (Moisture Preventer) | 9 | | | | |

[Continued overleaf]

Elasto

Regd

For all Diseases
of the Circulatory System

Recommend "ELASTO" for Varicose Veins, Ulcers, Eczema, Swollen Legs, Phlebitis, Thrombosis, Muscular Weakness, Bad Legs, Piles, Prolapsus, Varicocele, Hardened Arteries, Blood Pressure, Deficient Circulation and kindred ailments.

Elasto may be relied upon to give satisfaction. The existing urgent demand is being steadily fostered by consistent advertising
WHY NOT SHOW ELASTO?

Prepared in the Laboratories of
THE NEW ERA TREATMENT CO. LTD.
CECIL HOUSE - HOLBORN VIADUCT
LONDON, E.C.

Full particulars, Showcards, and Leaflets on request.



**Elasto
Nature
Salve**

3/- a box

Wholesale

27/- a doz.

**Elasto
Tablets**

5/- a box
(One month's supply)

Wholesale
45/- a doz.



P.A.T.A.

From your wholesaler

INDEX cont.

| | |
|--|------------------------|
| Martin, Bob, Ltd. (Dog Preparations) | Cover |
| Matthews, D., & Sons (Shopfittings) | 26 |
| Matthews Laboratories, Ltd. (Digitals) | Leader Page |
| Maund, P., & Berg, E., Ltd. (Showcases) | Col. Supp.-Leader Page |
| Maw, S., Son & Sons, Ltd. | 11 |
| May & Baker, Ltd. (Bismuth Carbonate) | 20A-20B |
| May, Roberts & Co., Ltd. (Price List) | 7 |
| Medway Corrugated Paper Co., Ltd. (Corrugated Papers, &c.) | xxx |
| Midgley & Parkinson, Ltd. (Yeast Preps.) | 26 |
| Milner & Coke, Ltd. (Orange Quinine Tonic Powders) | xviii |
| Molson Ionized Iodine Co., Ltd. | 26 |
| Monsol Distributing Agency (Monsol Toilet Soap) | 21 |
| Mundet Cork Products, Ltd. (Bakelite Stoppers) | xiv |
| Newball & Mason, Ltd. (Waterglass) | xviii |
| New Era Treatment Co., Ltd. (Elasto) | 5 |
| Nippon Shinyaku Co. (Cancer Treatment) | ix |
| Norwegian Cod Liver Oil | xx |
| Oldfield, Pattinson & Co. (Pharm. Preps.) | Cover |
| Olley, C., & Sons, Ltd. (Corks) | xxvii |
| Oppenheimer, Son & Co., Ltd. ("Alphidine") | xviii |
| Orridge & Co. (Valuers, &c.) | Col. Supp. |
| Owl Photographic Service | 24 |
| Parkinsons, Ltd. (Kilkof) | Leader Page |
| Penney, Harry A., Co., Ltd. (Sergeant's Dog Remedies) | 28 |
| Perry's Powders, Ltd. | viii |
| Pitman, Sir Isaac, & Sons, Ltd. (Books) | 24 |
| Pomeroy, Mrs., Ltd. (Lilina Powder Cream) | 14 |
| Potter & Clarke, Ltd. (Wholesale Druggists) | 29 |

| | |
|---|-------------|
| Poulton, Selfe & Lee, Ltd. (Glassware) | xxvi |
| Prescriber, The | xvi |
| Prideaux's, Ltd. (Dried Milk) | Leader Page |
| Proprietary Agencies, Ltd. (Milk of Magnesia) | 32 |
| Redfearn Bros., Ltd. (Bottles) | xxvii |
| Reliance Bureau for Dispensers | Col. Supp. |
| Rendell, W. J., Ltd. (Quinine Presaries) | xxii |
| Rivista Italiana delle Essenze e Profumi | x |
| Robinson & Sons, Ltd. (Boxes) | 27 |
| Rudduck & Co. (Shopfittings) | Col. Supp. |
| Rutherford, J., & Co., Ltd. (Toilet Rolls) | xxiv |
| Sasso, P., & Figli (Olive Oil) | 30 |
| Savory & Moore, Ltd. (Sterilised Dressings) | xxiii |
| Scholl Manfg. Co., Ltd. (Foot Specialities) | xxv |
| Scruton, O., & Co. (Nurse Harvey's Mixture) | 23 |
| Scurr, C. A. (Optical Tuition) | 24 |
| Shadehue Co. (Hair Dyes) | 26 |
| Shaw, J., & Sons (Whampton), Ltd. (Trojan Inhaler) | 9 |
| Sidac Silverine Co. (Wrapping) | 12 |
| Simpkin, A. L., & Co., Ltd. (Glucose Barley Sugar, &c.) | xviii |
| Smith, T. & H., Ltd. (Alkaloids) | x |
| Solazzi (Liquorice) | vi |
| Solport Bros., Ltd. (British Industries Fair) | 18 |
| Southall Bros. & Barclay, Ltd. (Sanitary Towels, &c.) | xxii |
| Stanberts, Ltd. (Advertising Balloons, &c.) | 26 |
| Sterns, Ltd. (Oils, Petroleum) | xii |
| Sturge, J. & E., Ltd. (Precipitated Chalk) | ii |
| Sunday Pictorial | 23 |
| Taylor, Edward, Ltd. (Flexoplast Adhesive Bandage) | 6 |
| Teasdales Chlorodyne Co. (O. Phelps Brown's Nature's Herbal Remedies) | 26 |
| Tenz Manfg. Co. (Deodorant Tablets) | 26 |
| Thompson & Capper Wholesale, Ltd. ("Sustenoid" Yeast Tablets) | 3 |
| Thornton & Ross, Ltd. (Ammonia) | xxix |
| Thurley, G. E., & Son (Liquid Paraffin) | 23 |
| Tilbury, W. R., & Son (Tooth Brushes) | 18 |
| Tokalon, Ltd. (Bonus Offer) | 17 |
| Tomlinson, T., & Son (Valuers, &c.) | Col. Supp. |
| Town Talk Polish Co. (Polishing Cloths, &c.) | xxviii |
| Treble & Co. (Shopfittings) | 26 |
| Tye, J., & Son, Ltd. (Iodine Amponles, &c.) | xii |
| Tyrer, T., & Co., Ltd. (Chemicals) | iii |
| United Chemists' Association, Ltd. (Iodised Throat Lozenges) | xvii |
| United Drug Co., Ltd. (Pharmaceutical Products) | xi |
| United Indigo & Chemical Co., Ltd. ("Winning Colours" Dyes) | xxviii |
| Veldt Laboratory (Veldt Cream) | 24 |
| Viscose Development Co., Ltd. (Bottle Capping) | xxvii |
| Wafer Razor Co., Ltd. (Safety Razor Blades) | 22 |
| Wagner, R. V. (Bottle Caps) | xxvi |
| Ward, T., & Sons, Ltd. (British Safety Razors and Blades) | 14 |
| Watts, John E. (Toilet Paper) | 8 |
| Whiffen & Sons, Ltd. (Bromides) | i |
| Whitaker & Co. (Kendal), Ltd. (Hat Dyes, Household Dyes) | 2 |
| White, A., & Sons, Ltd. (Chemicals) | ii |
| White, J. F., & Co. (Kompo) | xvi |
| Williamson Bros., Ltd. (Powder Puffs) | 14 |
| Willows, Francis, Butler & Thompson, Ltd. (Miol) | vi |
| Wood Bros. Glass Co., Ltd. (Glassware) | xxvi |
| Woolley, J., Sons & Co., Ltd. (Liquid Liver Extract) | 10 |
| Wright, Layman & Umney, Ltd. (Coal Tar Soap, &c.) | Cover |
| Zcal, G. H., Ltd. (Clinicals) | xxv |

**DOCTORS and
PATIENTS
PREFER**

Flexoplast
Regd

**ELASTIC
ADHESIVE
BANDAGE**

**FOR THE TREATMENT OF VARICOSE ULCERS
VARICOSE VEINS AND THEIR COMPLICATIONS**

As more and more doctors and patients realise that Flexoplast, in the majority of cases, actually cures Varicose Ulcers and relieves Varicose Veins, so the sales of Flexoplast continue to mount day by day.

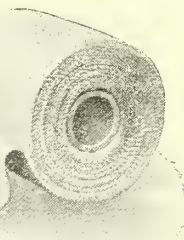
Not only will Flexoplast give you handsome profits from steady turnover, but the sale of it will develop the good-will which comes with satisfied customers.

Obtainable from all wholesale houses.

Manufactured by

EDWARD TAYLOR LTD.
SALFORD · GLASGOW · LONDON

Established 1847



MAY, ROBERTS' **GENERAL PRICE LIST**

**A VOLUME OF INFORMATION
FOR EVERY CHEMIST**

**REVISED TO DATE
BY WEEKLY BULLETINS**

MAY WE SEND YOU A COPY ?

MAY, ROBERTS & CO., LTD.
7-13 Clerkenwell Road, LONDON, E.C.1

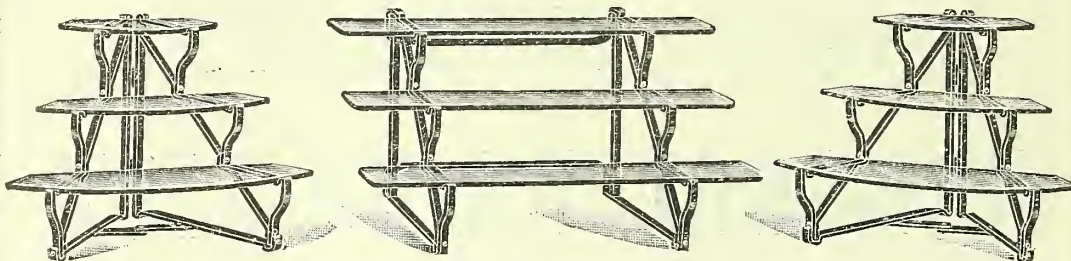
Branches :

LIVERPOOL

PLYMOUTH

DUBLIN

**A VERY EFFECTIVE DISPLAY SET
AT A VERY ECONOMICAL PRICE**



THE "COMPACTO" DISPLAY SET. Ref. No. H. 2640.

This attractive Set is most suitable for either counter or window display purposes. The two side stands, which are folding, have 3 shaped first quality glass shelves, $\frac{1}{4}$ " thick, polished edges. (1 shelf $19\frac{1}{2} \times 4\frac{3}{4}$ ". 1 shelf $14\frac{1}{2} \times 4\frac{3}{4}$ ". 1 shelf 10×4 ".) Stand measurement, back to front, 12", height 12". The centre stand has 3 first quality glass shelves, $\frac{1}{4}$ " thick, polished edges, each measuring $24 \times 4\frac{1}{2}$ ". Stand measurement, back to front, 12", height 12". The metal stands are finished brown bronze.

THE SET **49/6** COMPLETE

Send at once for Complete List of Chemists' Fittings No. 1013, Post Free.

J. C. KING, LTD., 42-60 Goswell Road, London, E.C.1

Phones : Clerkenwell 2316 (6 lines)

URGENT MESSAGE!

50% DUTY ON PAPER NOW IN OPERATION

WHY SHOULD YOU PAY 50% DUTY ON YOUR

TOILET ROLLS

OR LOSE YOUR TRADE OR BOTH, WHEN

JOHN E. WATTS, Toilet Roll Manufacturer, HOLME MILLS, HOLME ROAD, West Bridgford, NOTTINGHAM

CAN SUPPLY YOU AT OLD PRICES? WRITE NOW

The Chemist's Compact Library

MONEY-MAKING AND MONEY-SAVING BOOKS.

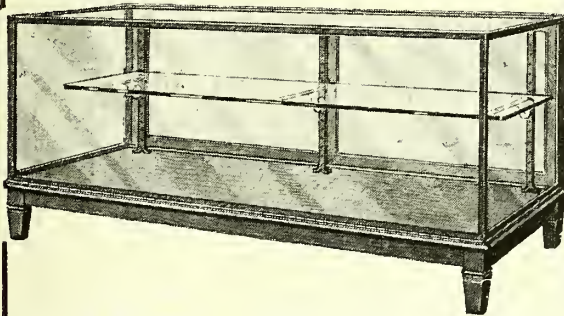
EVERY BOOK BY AN EXPERT.

May be obtained at the published prices from any
Wholesale Drug or Sundries House, or from

THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2

Branch Offices : Manchester and Sheffield, England ; Melbourne and Sydney, Australia.

GLASS COUNTERS BRING MORE TRADE



No. CD/SF 2920. A soundly constructed Display and Serving Counter made in our own works at Holloway Road—6 ft. x 3 ft. x 2 ft. oak or mahogany framing, glazed new $\frac{1}{4}$ " drawn plate glass top, front, and ends. Clear glass sliding doors at back. Interior fitted 1 row of shelves 12" wide, brown bronze base and brackets.

DEFERRED TERMS.

An initial payment of 18/10 secures this counter, and 11 further equal monthly payments of the same amount make it your own complete property.

£10-15-0

Cash Price. Ex. Works.

Send for our New List No. C.D.1260.

DUDLEY & COMPANY, LIMITED

451 HOLLOWAY ROAD, LONDON, N.7
City Showrooms: 65-66 FOLEY STREET, E.C.4.

The CLAROCIT SALES CAMPAIGN

"Clarocit your glasses and See" is the slogan of the new advertising campaign. A boon to all who wear eyeglasses and spectacles.

ATTRACTIVE BAKELITE DISPLAY STANDS, COUNTER CARDS AND INTERESTING SALES LITERATURE SUPPLIED FREE ON REQUEST

THE CLAROCIT CO., LTD.

110 Great Portland Street, LONDON, W.1

WHEN YOU VISIT LONDON

stay at the

CORA HOTEL

Upper Woburn Pl., W.C.1

Accommodation for 240 Guests
Near Euston, St. Pancras and Kings X.

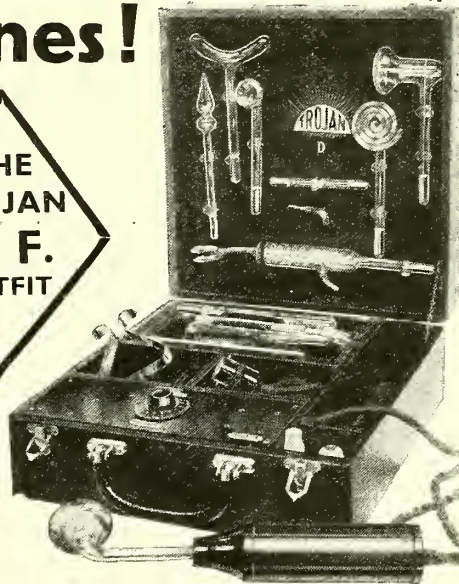
CENTRAL
CONVENIENT
COMFORTABLE

H. and C. Running Water Basins in all rooms. Bedlights. Modern conveniences
ROOM and TABLE d'HOTE
BREAKFAST 8/6

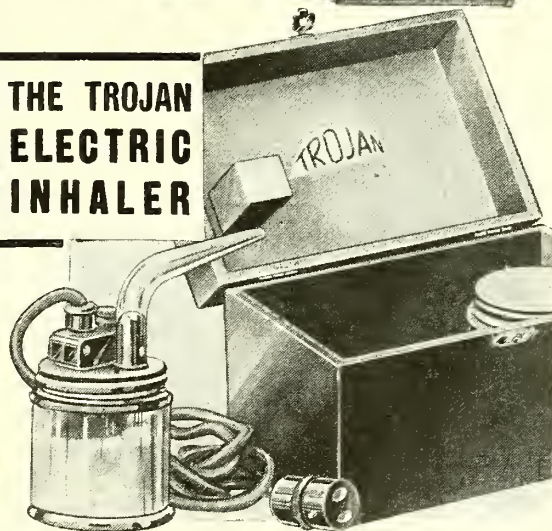
BOARD TERMS, applicable to a stay of 3 days or more: Partial 11/- per day. Full Board 13/-

2 popular lines!

THE
TROJAN
H. F.
OUTFIT



THE TROJAN ELECTRIC INHALER



The value of High Frequency Electricity for health and beauty is now appreciated more than ever before—the rapidly increasing sales of the TROJAN High Frequency Outfit have proved it. The TROJAN Electric Inhaler—the amazing new invention is meeting with a wonderful reception. To the thousands of people who suffer from Colds, Coughs, Influenza, Catarrh, etc., the TROJAN offers instant relief.

Send a card NOW for full particulars & prices of these 2 popular lines.

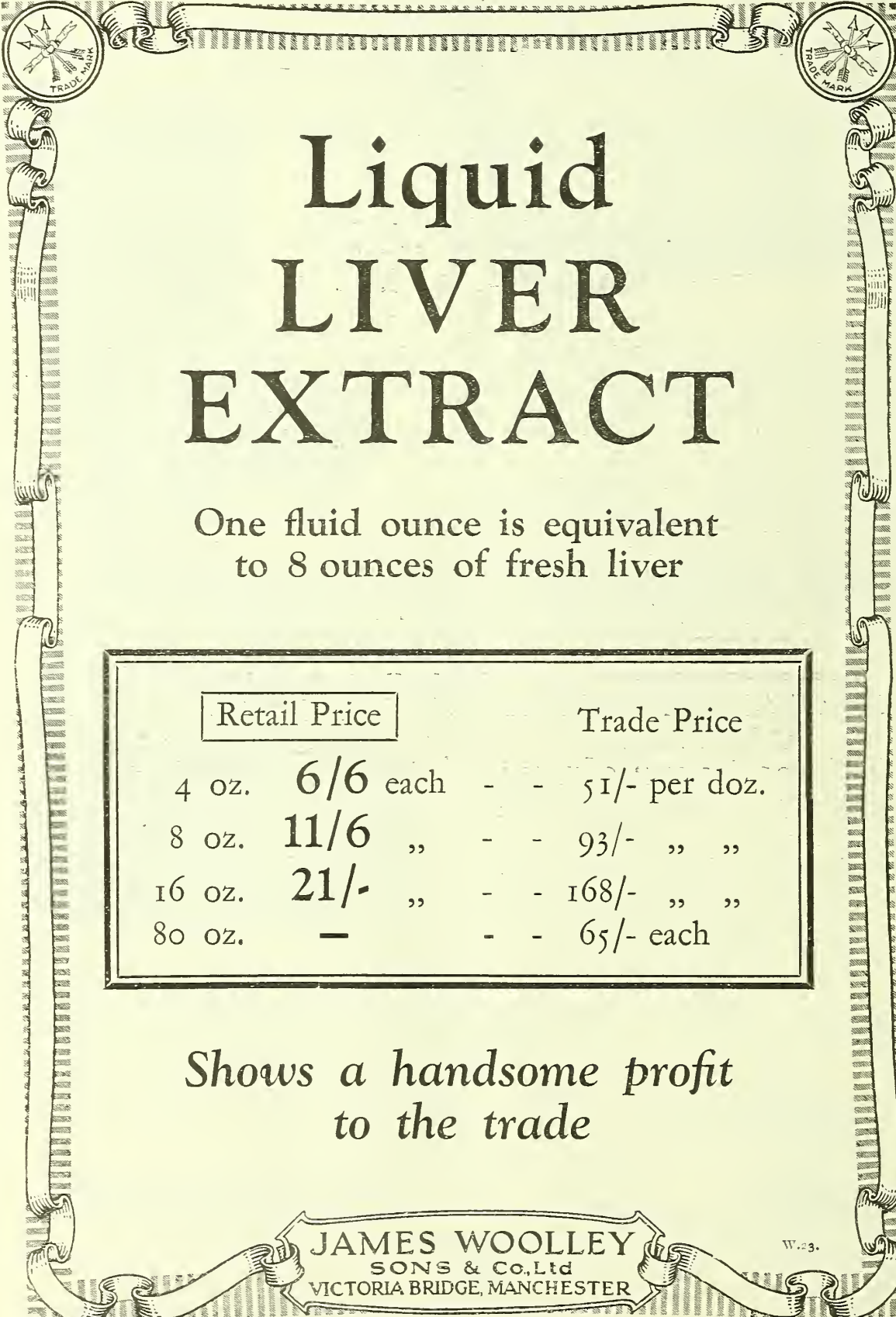
**JOHN SHAW & SONS
WOLVERHAMPTON LTD**

(Established 1795)

Head Office and Works: WOLVERHAMPTON

Telephone: 1001. Telegrams: "Shaw, Wolverhampton."

LONDON BRANCH: 29 Shoe Lane, E.C.4



Liquid LIVER EXTRACT

One fluid ounce is equivalent
to 8 ounces of fresh liver

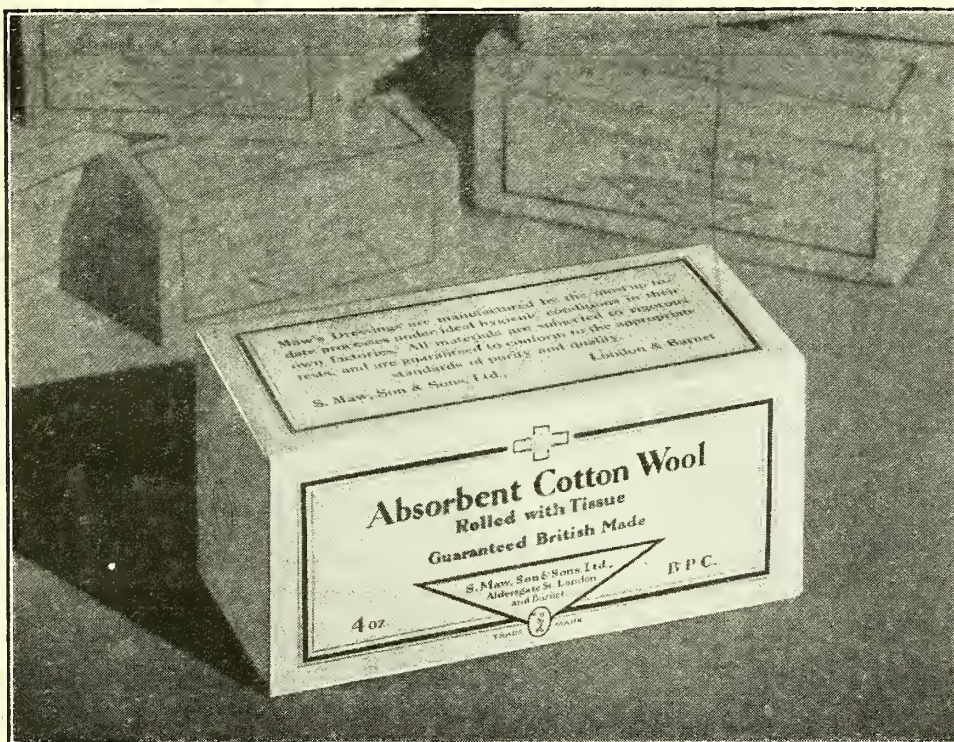
| Retail Price | | Trade Price | |
|--------------|----------|-------------|---------------|
| 4 oz. | 6/6 each | - - | 51/- per doz. |
| 8 oz. | 11/6 „ | - - | 93/- „ „ |
| 16 oz. | 21/- „ | - - | 168/- „ „ |
| 80 oz. | — | - - | 65/- each |

*Shows a handsome profit
to the trade*

JAMES WOOLLEY
SONS & Co., Ltd
VICTORIA BRIDGE, MANCHESTER

W.23.

Maw's B.P.C. Dressings in Sealed Cartons



Our Most Recent Achievement

- (1) Sufficiently low priced for ordinary business.
- (2) Quantity prices allow of their use for N.H.I. work.
- (3) Ideal. Modern. Hygienic. Sealed Cartons.
- (4) Maw's standard Yellow Label colour scheme.

Stocks Now Available—Write or ask Maw's Representative for prices.

S. Maw, Son & Sons, Ltd.,
Aldersgate St., London,
and Barnet.



SIDAC

SILVERINE COMPANY

(J. MCKEE HANNAH)

Sole selling agents in Great Britain for La Societe Industrielle de la Cellulose, Ghent

In order to facilitate the execution of orders and to give customers the maximum of efficiency in dealing with enquiries, a new Company has been formed as above, which has taken over from Messrs. W. S. Muir & Co., Ltd., the sole sale of SIDAC SILVERINE in Great Britain. All enquiries and orders for Moistureproof and Ordinary qualities of SIDAC SILVERINE INSOLUBLE TRANSPARENT PAPER will be dealt with by the new Company and they will be pleased to quote and send samples upon application.

SIDAC SILVERINE COMPANY

208/210 TOWER BRIDGE RD., LONDON, S.E.1

Telephone Nos. : Hop 3422 and 3423

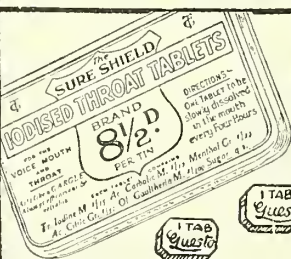
Telegrams : "Sidacko, Berm, London."

Meet the BIG DEMAND

BY LAYING IN STOCKS OF



"SURE SHIELD"
BRAND
Iodised THROAT TABLETS



8 1/2^d Tins

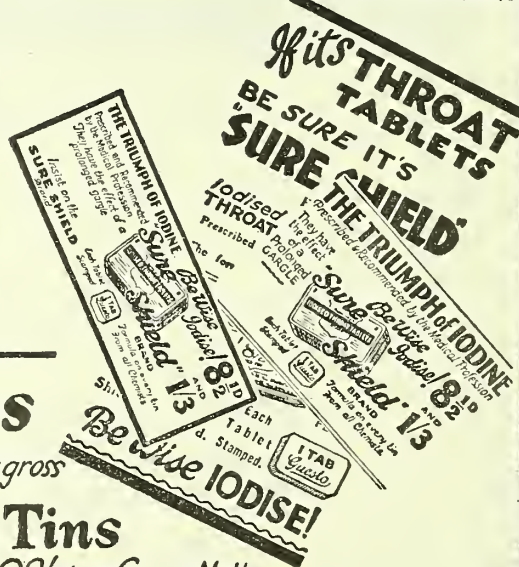
5/6 doz 63/- per gross

1 1/3 Tins

9/6 doz 108/- per Gross Nett



A Few Specimen "SURE SHIELD" Advertisements

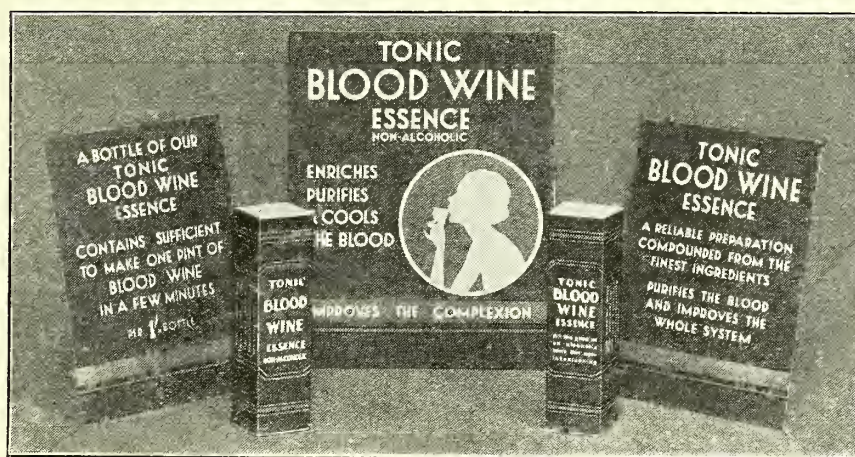


THOS GUEST & CO., LTD.
CARRUTHERS STREET,
ANCOATS, MANCHESTER.

LONDON DEPOT:
1, SWAN STREET,
MINORIESE, E.1.
TELEPHONE: ROYAL 8111.

A SPRING-TIME MEDICINE FOR
READY SALES—*NOW*

BLOOD WINE TONIC ESSENCE



A non-alcoholic preparation of concentrated strength. Each bottle contains sufficient to make one pint of

BLOOD WINE TONIC

Easy to make and pleasing to take

A Distinctive Pack supported by smart display material

*AVAILABLE FOR CHEMIST'S OWN NAME
IN QUANTITIES OF 3 dozen AND OVER*

RETAIL

1/- each

WHOLESALE

6/6 per doz.

EVANS SONS LESCHER & WEBB LTD.

LIVERPOOL, LONDON and DUBLIN

LILINE is the line just now



Because it combines ideally and lastingly a cream with an exquisitely delicate powder, Mrs. Pomeroy's Liline—a *British* product—enjoys a daily increasing vogue. British-made with British capital by a firm that manufactures only toilet preparations of the highest class, Liline offers you a profit of from 33½% on 'smalls' to 42½% on best terms.

MRS. POMEROY'S

Liline

The British Powder-Cream

In three shades—Natural, Ivory, or White

6d. Tubes (per tin) - - 4/- per dozen

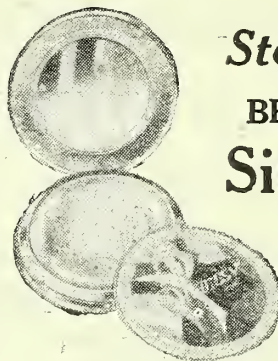
1/3 Pots - - - - - 10/- " "

10% discount on 40/- orders and 2½% for cash (1 month)

Carriage paid on 20/- orders

Write for the attractive showcard

MRS. POMEROY LTD. (TRADE DEPT.), 84 WATERFORD ROAD, S.W.6



Stock & Sell BRITISH MADE Sifter Box

now made in
attractive colours

28/- per doz.

Retail 3/6 ea. P.A.T.A.

BATH POWDER CONTAINER

36/- per doz. Retail 4/6 each. P.A.T.A.

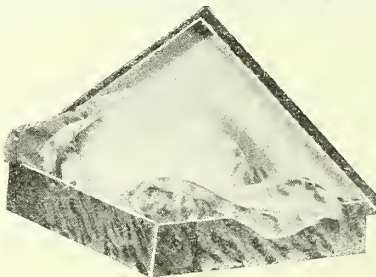
Ask for Illustrated List.

Chaussy

POWDER BOX

COMPANY, LIMITED,

11, Bartletts Buildings, Holborn Circus,
London, E.C.4.



Powder
Puffs
de
Luxe

Wholesale and Shipping Houses only.

Manufacturers :—

WILLIAMSON BROS. LTD.
177, SOUTHWARK BRIDGE ROAD, S.E.1



THE

WARDONIA

"NEW EDGE" RAZOR!

Patent No.
296,597.

Every Razor
and Blade
Guaranteed.

Sole Makers:

Thomas Ward & Sons, Ltd.,

Wardonia Works,

Sheffield - - England

A shaving miracle with enormous sales! Send now for trade terms for the Wardonia "New Edge" Razor and Blades. Both scientifically right and soundly-established lines at a generous profit.



All for  Beauty



A cordial Invitation to share our great success!

It says much for Harriet Hubbard Ayer Beauty Preparations that they have only taken four years to win the favour of an ever-growing number of discriminating British women—to be stocked by nearly every important retailer in the country.

The amazing popularity of Harriet Hubbard Ayer is based upon real satisfaction. Every woman who uses these creams and lotions—even for a very short time—sees an encouraging improvement in her looks. And she finds them economical, for each preparation fulfils more than one function—the favourite, LUXURIA, for instance, combines the virtues of a cleanser, a skin food and a bleacher.

Dignified advertising in the national press and fashion periodicals has familiarised women with the simple Harriet Hubbard Ayer home beauty treatment. It has sustained and increased demand.

Now—at this moment of our established success—you will be wise to link your business with Harriet Hubbard Ayer. We invite you cordially to join us!

Write to Harriet Hubbard Ayer Ltd., 130 Regent Street, W.1, for catalogue and terms. Or, we shall be delighted to show you round our new showrooms and give you particulars personally.

The retail prices for the famous LUXURIA Cream are 2/3, 4/6, 8/6, 11/9.

Skin & Tissue Builder 4/6, 7/6, 18/9, 30/6

Beautifying Face Cream 4/6, 7/6, 18/9, 30/6

Eau de Beauté 4/6, 8/6

HARRIET HUBBARD AYER

Beauty Preparations

LTD.

PARIS

LONDON

NEW YORK

EUCRYL

DENTIFRICES



BRITISH MADE

BRITISH OWNED

Bought on Display Terms Yield :—

PROFIT ON SELLING PRICE **43%**

PROFIT ON BUYING PRICE **75%**

EUCRYL LIMITED,
MANUFACTURING CHEMISTS,
SOUTHAMPTON

EUCRYL TOOTH POWDER
EUCRYL TOOTH PASTE
EUCRYL DENTURE POWDER

Mercolized Wax

for the Complexion

Extensively Advertised. Always in Demand.

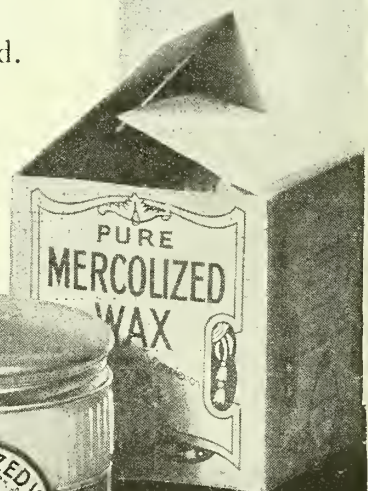
*There is no risk in holding full stocks.
Every woman is a potential buyer.
Sales are regular and repeats certain.*

Stallax

*a Shampoo—also popular,
and shows a handsome profit.*

Dearborn
(1923) Limited

37 Gray's Inn Rd. London. W.C.1.



Telephone,
Holborn. 9669

How to Sell 10 Times more Face Powder



THIS CARD
WILL BRING
IN HUNDREDS
OF NEW CUSTOMERS

**ONLY
3
DAYS
MORE**

Offer Expires
FEB. 28.

SEND THIS ORDER

With every shilling box of Poudre Tokalon you sell a 6d. Tube of Vanishing Skinfood for 1d. only, i.e., 1/1 the two.

The two together will cost you 10/- per doz. less Usual Display Allowance (5% on £1 order; 10% on £2 order).

MINIMUM ORDER THREE DOZ. Carriage Paid

SPECIAL BONUS ON CREME TOKALON

If at the same time you order :—

Crème Tokalon Vanishing Skinfood - 1/-

Crème Tokalon Biocel Skinfood - 1/3

We will send **TWO UNITS FREE PER DOZEN** on any quantity. Minimum Order three dozen (can be assorted).

ORDER FORM

Date.....1932

TOKALON LTD., Chase Road, London, N.W.10.

PLEASE SEND :—

.....Doz. 1/1 combined Packages

Minimum order 3 doz. (comprising 1/- Poudre Tokalon, 6d. Tube Vanishing Skinfood), at 10/- per dozen.

(Unless otherwise stated Half Natural and Half Rachel shades will be sent.)

.....Doz. 1/- Vanishing Skinfood with two Free to Dozen.

.....Doz. 1/3 Biocel Skinfood with two Free to Dozen.

Minimum order 3 doz. (can be assorted).

If goods are to be invoiced through Wholesaler give name and address Name.....
..... Address.....
.....(C. & D.)

BRITISH INDUSTRIES FAIR

OLYMPIA

CLOSING DATE THURSDAY NEXT, MARCH 3

IF YOU HAVE NOT YET VISITED OUR STAND IN THE
FANCY GOODS SECTION, No. F 59
 (NATIONAL HALL GALLERY)

YOU MISS A WONDERFUL OPPORTUNITY OF EXAMINING OUR GREAT VARIETY OF
TOILET REQUISITES AND DRUGGISTS' SUNDRIES
 DISPLAYED UNDER IDEAL CONDITIONS AT THE FAIR.

WE MANUFACTURE SUCH A WIDE RANGE OF UP-TO-DATE
 AND CHARMING GOODS OF PROFITABLE INTEREST TO YOU
 THAT YOU CANNOT AFFORD NOT TO PAY US A VISIT.

WE EXTEND A CORDIAL INVITATION TO YOU whether you pass us an order
 or not, as we are quite certain that you will go away with the conviction that so many
 of our friends in all parts of the world have repeatedly expressed, THAT—

SOLPORTS' GOODS ARE GOOD GOODS

ESTABLISHED 1857

SOLPORT
 BROTHERS LIMITED

ESTABLISHED 1857

Telephone:
 Clerkenwell 9211 (3 lines)

184-192 GOSWELL ROAD, LONDON, E.C.1

Telegrams:
 Solport, Barb, London



**BOTH-WAYS
 TOOTH BRUSH**

**ATTRACTIVE—EFFECTIVE—
 DURABLE**

ALL HARD BRISTLES UNLESS OTHERWISE ORDERED

KEEPS ITS STIFFNESS

Gent's 11/-

Lady's 8/-

**BIDWELLS,
 AXMINSTER**



BIDWELL BIDWELL & CO LIMITED.

*No need to buy
 abroad!*

We can supply all your

MANICURE GOODS

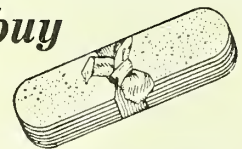
At Prices which meet Foreign Competition

Wholesale Houses only supplied.

ROBERT LEE, 14 Calverley Grove,

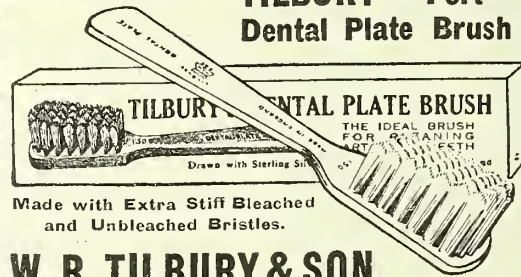
Phone: Archway 2144.

N.19



Established 1880.

**TILBURY "Fort"
 Dental Plate Brush**



Made with Extra Stiff Bleached
 and Unbleached Bristles.

W. R. TILBURY & SON

47 FRAMPTON PARK ROAD, HACKNEY,
 LONDON ENGLAND

Big 1932 Boom

Extensive Advertising Campaign For "Harlene" Hair Toilet Preparations

The following Advertisements, IN ADDITION TO MANY OTHERS, appeared for "Harlene" Preparations in 3 WEEKS alone—from December 24 to January 13.

2 WHOLE PAGES

IN THE

DAILY MAIL

WHOLE PAGES

IN THE

Daily Express

News-Chronicle

Daily Herald

Daily Mirror

Daily Sketch

The following "HARLENE" Preparations are daily increasing in popularity. Each is a highly efficient and thoroughly effective Hair Toilet aid which you can sell and recommend with confidence.

"HARLENE" Hair-Grower

"CREMEX" Shampoo

"UZON" Brilliantine

"HARLENE" Wave-Setting Lotion

"ASTOL" for Grey Hair

"HARLENE" Products show good profits. They have stood the test of time and their popularity is maintained by their efficacy.

We Are Now Introducing SUNSHINE BLONDE

Featuring

**HARLENE CAMOMILE
GOLDEN HAIR WASH**

in conjunction with

HARLENE LIQUID SHAMPOO

EDWARDS' HARLENE LTD.

20/26 LAMBS CONDUIT
STREET, LONDON, W.C.

The current year has seen the commencement of a Big Advertising Boom for "HARLENE" Hair Toilet Preparations. Whole pages and other large spaces have appeared in the important National Papers in January and February, and the public response has been highly gratifying. Women everywhere are giving their hair the popular "HARLENE" Hair-Beauty Bath. Extensive Press Advertising is to continue. Be sure to see that YOU keep adequate stocks of "HARLENE" Preparations to meet with the big and increasing demand in your own district.

Wonderful Results From a 'Harlene' Hair Beauty Bath

FREE Offer to All!

Make your hair softer, more lustrous, more gleamingly attractive than ever before—get it a "Harlene Hair-Beauty Bath"—today and be re-born!

Notice the added beauty, the glowing soft waves, the velvet of "Harlene" Shampoo Powder and a bottle of "Harlene" Hair Oil and Tonic.

All You Have to Do!

Shampoo your hair with "Crema" Powder. Its creamy lather is eye-opening and highly beneficial. Then your hair is dry, manage a little "Harlene" into the scalp with a "Crema" leading "Crema". That is all! But "Harlene" acts as a "Crema" Tonic—your hair shines beautifully.

FREE 'HARLENE' Hair-Grower

Harlene is the most widely used and most powerful Hair Grower and Hair Health Promoter. It is the "Free Liquid Food" for the scalp of all Hair Troubles. It cures Baldness, loss of hair, itching, dandruff, and all other scalp troubles. It is the "Free Liquid Food" for the scalp of all Hair Troubles. It cures Baldness, loss of hair, itching, dandruff, and all other scalp troubles.

2 'CREMEX' SHAMPOO

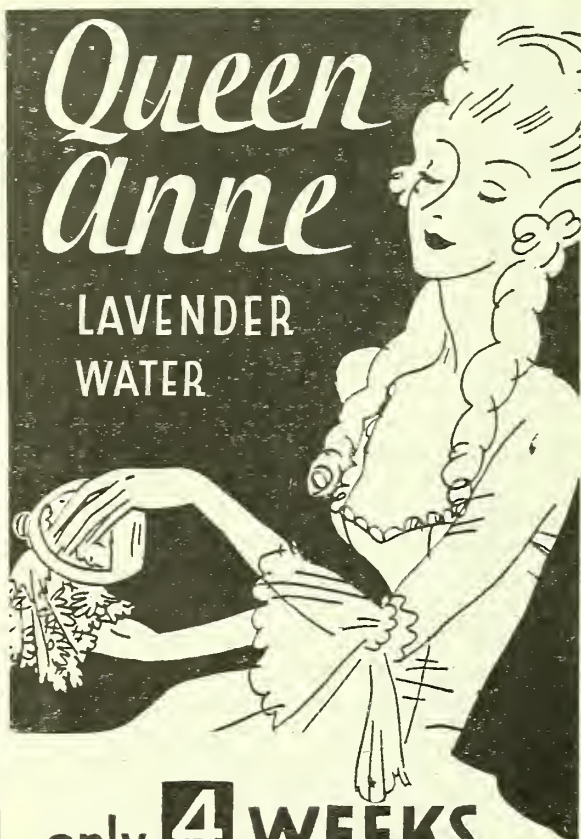
3 'UZON' BRILLIANTINE

4 'HARLENE' WAVE-SETTING LOTION

5 'ASTOL' for GREY HAIR

SAMPLE COUPON

On receipt of this coupon and enclosure to request of Harlene Shampoo and Tonic, a set of Harlene Shampoo and Tonic will be sent to you. Please send this coupon to: Harlene Ltd., 20/26 Lambs Conduit Street, London, W.C.



only **4 WEEKS**
TO EASTER!

Only four weeks to Easter—the first holiday of the year and invariably a time of increased business! How are your stocks of 'QUEEN ANNE', the refreshing, lasting, inexpensive Lavender Water? There are thousands of women who will want to slip a flacon of 'QUEEN ANNE' into their week-end case, or give it as an 'Easter Egg' to their friends.

link up with the
ADVERTISING

..... now appearing weekly in the

DAILY MAIL
DAILY MIRROR
DAILY SKETCH

and principal women's magazines. This consistent advertising in the National press is creating a brisk demand for 'QUEEN ANNE'—bright window displays will bring customers to your shop.

Trade terms and free display material FREE from the manufacturers or your usual wholesaler.

Queen Anne

MARLBOROUGH & CO., LTD., 491-493 LIVERPOOL ROAD, N.7

QUALITY
WILL TELL

WANIE



Still the 'Best Seller'

Single-sided 12/6 per 100
Three-hole 9/- per gross

Send for sample to Dept. C.D.

S. KALISKY (Aldgate), LTD.
146 THEOBALD'S ROAD, W.C.1

Northern Distributors:

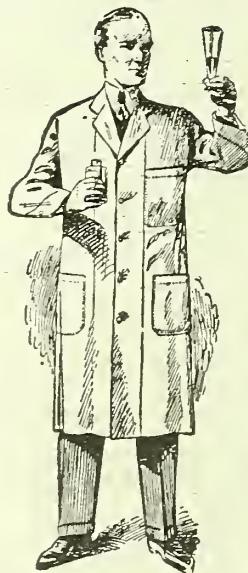
S. KALISKY (Aldgate), LTD.
16 Withy Grove, Manchester

Irish Free State Agents:

Messrs. W. A. Freedman & Co. Ltd.
20-21 Merchants Quay, Dublin

Wholesalers are invited to apply for Trade Terms

OVERALLS



SEND FOR NEW ILLUSTRATED LIST

Jackets and Coats of very superior quality, made from the most reliable materials, smartly cut and thoroughly well finished in every detail.

WHITE DRILL JACKETS
6/11, 8/11, 10/6

KHAKI DRILL COATS
6/11, 8/6, 10/6, 12/6, 14/6

WHITE DRILL COATS
7/6, 9/6, 12/6, 13/6, 15/6

BLACK DRILL COATS 15/6

GREY COTTON COATS 7/6

STOCK SIZES: 34 to 44 chest. Special pockets and little adjustments can be made without extra charge. POSTAGE on single coat 9d., but 20/- orders upwards carriage paid.

SPECIAL PRICES FOR LARGE QUANTITIES

GARDINER

& CO. (The Scotch House), LTD.

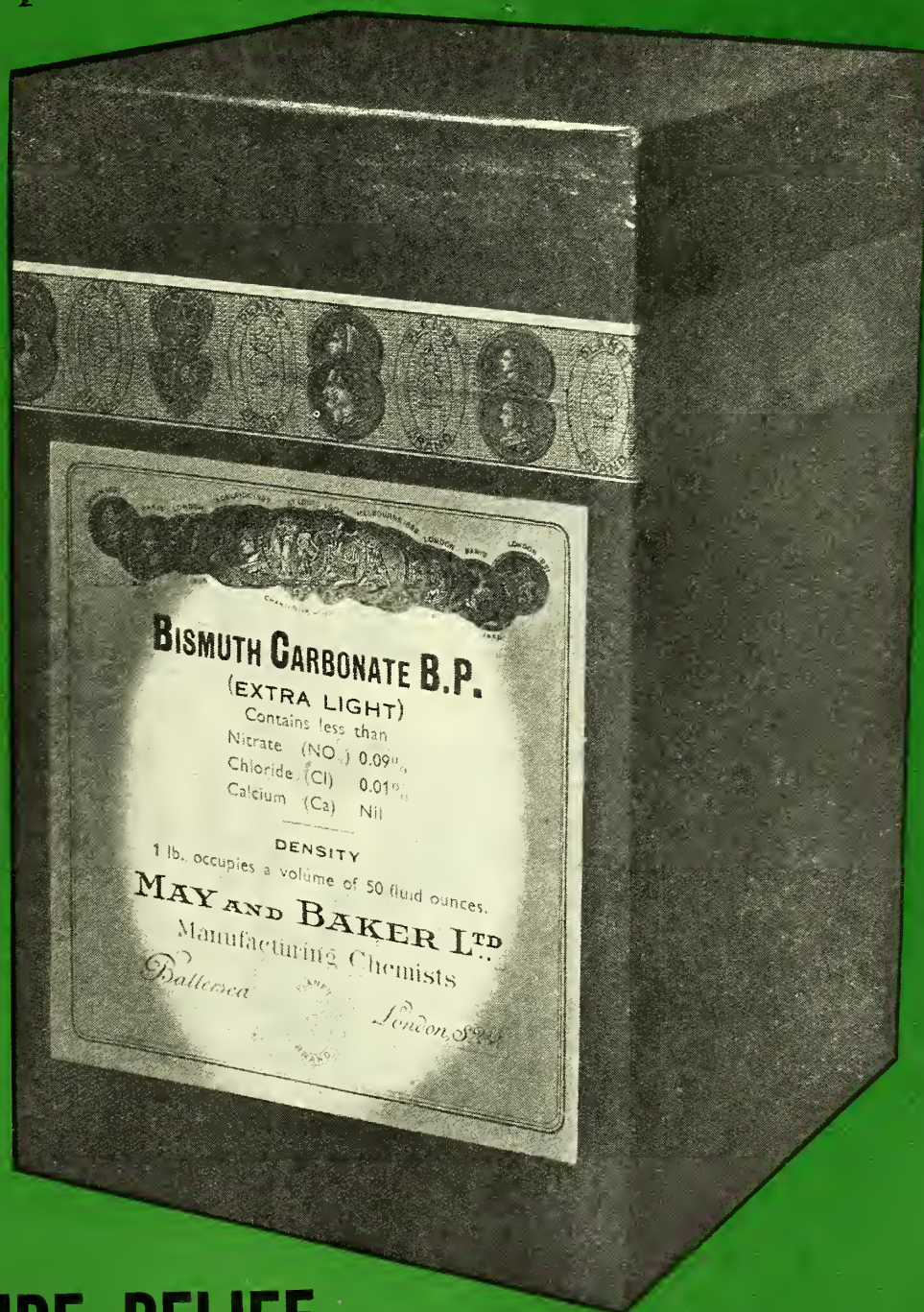
1, 3, 5 Commercial Road, LONDON, E.1

Telephone: Bishopsgate 6751.

Established 1839.

FOR DIGESTIVE TROUBLE in GASTRIC INFLUENZA

—dispense *Bismuth Mixture*



TO ENSURE RELIEF

—dispense the lightest and Purest
Bismuth Carbonate

MAY AND BAKER LTD.
 Manufacturing Chemists
 BATTERSEA, LONDON, S.W. 11

BUY BRITISH

**BROMIDES
PHENOLPHTHALEIN**

Manufactured by

MAY & BAKER Ltd.

BATTERSEA, S.W.11

REDUCTION IN PRICE



and

13 to the DOZEN

On and after March 1st, 1932, the retail price of Monsol Antiseptic TOILET Soap will be reduced

from 8d. to **6d.** per tablet

TRADE TERMS: 46 per doz., with 13 to the dozen on orders of 3 doz. & over

MONSOL

ANTISEPTIC TOILET SOAP

BRAND

Obtainable from
MONSOL DISTRIBUTING AGENCY, Abbey House, WESTMINSTER, S.W.1

EXQUISITELY PACKED TOILET LINES

THE REGENT SERIES

ELEGANT BAKELITE CAPPED
CURVED FLASKS,
CELLOPHANED.
3 oz. and 6 oz.

ALMOND CREAM.
AFTER-SHAVING CREAM.
BAY RUM. BITE AND STING LOTION. BRILLIANTINE.
CALAMINE LOTION. COLOGNE LOTION. LIQUID DENTIFRICE.
EAU DE QUININE. HAIR FIXING CREAM. HONEY AND FLOWERS.
TOILET PARAFFIN. SETTING LOTION. SUNBURN LOTION.

*A Distinguished Pack at a Reasonable Price.
Attractive Showcards and 100% Profit on 1 gross Assorted.*

ROBERT BLACKIE

Manufacturing Chemist,
SHEN WORKS,
168 TOWER BRIDGE RD.,
LONDON, S.E.1.

Telephone: Hop 2422. Telegrams: Ushenspara, London.

INTRODUCING THE WAFFER RAZOR CO.'s NEW BLADE

Cheerio
Reg. No.
527.163 69625

Olympia
STAND
D 118



A



Give your chin a treat.

Write for Trade Terms

260 Earsham St., SHEFFIELD

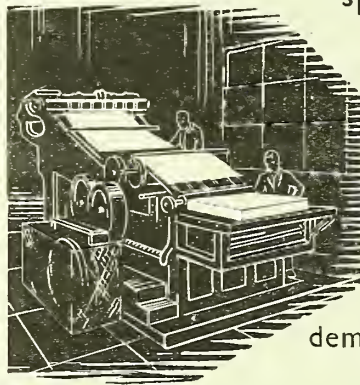
Good Printing *gets there*

Wholesale
Chemists
& Retailers
alike will
find success
more cer-

tain by giving careful attention
to their printing, and dealing
direct with printers who
specialise in
their

particular
require-
ments.

Give us
an oppor-
tunity to
demonstrate our
claim.



We specialise in Labels, Folding Boxes,
Envelopes and advertising printing of
every description.

Send your next enquiry to

**Alf. Harrison
& Sons Ltd.**

Chemists' & Advertising Printers
Burley Road
LEEDS

London Office: Sentinel House,
Southampton Row, W.C.1
Phone: Museum 8340

ALSO AT DUBLIN AND BELFAST

*English
Filter*

POSTLIP
Papers

SQUARES
CIRCLES
FOLDED
ROLLS

WHITE
GREY
PLAIN
ANTIQUE
EMBOSSED
CRINKLED

SAMPLES
FREE



*Postlip Filterings are stocked by all the leading Wholesale
Laboratory Dealers.*

Evans, Adlard & Co. Ltd

Postlip Mills, Winchcombe, Cheltenham.



G. E. THURLEY & SON

Specialists in Liquid Paraffin

UNITY WORKS, LATIMER ROAD, LONDON, E.7.
Telephone: Maryland 4686

NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessities from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—

OSCAR SCRUTON & CO., YORK

BACK THESE GOODS

*Palmolive Soap
Pond's Vanishing Cream
Chesebrough Vaseline
Syrup of Figs
Kolynos Tooth Paste
Eucryl
Genasprin
Ovaltine
Feen-a-Mint
Milk of Magnesia
Steedman's Powders
Cuticura Soap and
Ointment
Bisurated Magnesia
Danderine
Dearborn Preparations
Radox
Kruschen
Karsote
Gibbs' Dentifrice
Creme Simon
Carters Pills
Potter & Clarke*

These lines will be strongly advertised in the "Sunday Pictorial" during this month. Nearly two million worth-while families throughout Great Britain will be influenced. Reap the maximum benefits by displaying these lines. A big demand always follows advertising in the

SUNDAY PICTORIAL

POSTCARDS

FROM ANY NEGATIVE
BLACK AND WHITE
4d. each 4 for 1/- 12 for 2/6

— OR —

COLOURED IN OILS

Retouched and Finished
1/- each 3 for 2/6 12 for 9/-
HIGHEST CLASS WORK ONLY

Tel. No. 226



THE
"Owl" Photographic Service
SPOUT YARD, LOUTH, Lincs.

Competition does
Not make him blink

MANY SUCCESSES IN THE EXAMINATIONS

Your Opportunity to

QUALIFY IN OPTICS

PRACTICAL WORK. Personal tuition in the practical work is a distinctive feature. Students can avail themselves of the practical classes held during examination times when they are in London.

Expert Tuition for the **SIGHT-TESTING DIPLOMAS** of the Worshipful Company of Spectacle Makers (F.S.M.C.); the British Optical Association (F.B.O.A.); the National Association of Opticians (F.N.A.O.); or the College of Optics (F.C.O.).

Write for full particulars—

C. A. Scurr, M.P.S., F.S.M.C., F.B.O.A., F.N.A.O., B.Sc., F.I.O., F.C.O.
50 HIGH STREET, BARNET, LONDON, N.

FREE $\frac{1}{2}$ -doz. 1/- Veldt Cream

WITH EACH ORDER VALUE £2
(INCLUDING SOAP)

Example—5 doz. 1/- Veldt Cream costs 40/-, with Bonus Yields 66/-, i.e., approximately 40% on turnover.

"Veldt Cream"
GOOD SHOW MATERIAL
WELL & CONSISTENTLY
— ADVERTISED —
Write for Particulars to
VELDT LABORATORY
Springfield, Upper Clapton, LONDON, E.5

PITMAN'S

TEXTBOOK OF PHARMACOGNOSY

By J. W. COOPER, Ph.C., and T. C. DENSTON, Ph.C.

A simplified and effective method of studying pharmacognosy for the Chemist and Druggist Qualifying Examination.

"One must approve the method adopted. . . . A useful guide to practical work."—Pharmaceutical Journal.

10/6 net
PITMAN'S, Parker St., Kingsway, London, W.C.2

MANCHESTER TUTORIAL COLLEGE 327 OXFORD ROAD, MANCHESTER

J. E. GRIME, B.A., B.D. } Directors of Studies.
V. J. SANSOM, B.Sc. }

REVISION COURSES for PRELIMINARY SCIENTIFIC EXAM. start OCTOBER, JANUARY, APRIL & JULY.
FULL COURSES for MATRIC. and PHARM. PRELIM.

OPTICAL & WORK

OF

THE HIGHEST STANDARD OF
PRECISION AND FINISH AT
EXCEEDINGLY LOW CHARGES

Send a Trial Order to:—

P. OLIVER GOLDSMITH

Wholesale Manufacturing Opticians

60 POLAND ST., LONDON, W.1

Telephone:
Gerrard 4653

Telegrams:
Sonotone London

Liverpool School of Pharmacy

Principal: H. HUMPHREYS JONES, F.I.C., F.C.S., Ph.C.

APRIL 6th

Part I Revision Course for July Exams.

AUGUST 8th

Revision Courses for Parts I and II for Oct. Exams.

OCTOBER 6th

Autumn Session begins. Part I. Six months' course.

Part II. Nine " "

Part-time Classes for Part I only.

FULL PARTICULARS FROM THE PRINCIPAL,
2 BLACKBURN PLACE, LIVERPOOL

LONDON COLLEGE ESSENTIALS OF PHARMACY 10th EDITION

A text-book dealing with the principles involved in Pharmacy and all preparations of the B.P. It is well illustrated, the explanations are concise and the section dealing with B.P. preparations is invaluable to students. Poison Law is explained in brief and non-legal language. Separate chapters dealing with the principles of sterilisation, emulsions, colloids and alkaloidal assay are contributed by experts.

Price **5 -** (post free) from

LONDON COLLEGE OF PHARMACY
361 CLAPHAM ROAD, LONDON, S.W.9

THE CHEMIST & DRUGGIST SUPPLEMENT

is an infallible help when you want to buy or sell a business, secure an agency, an assistant or a situation, or **SELL SURPLUS STOCKS.**

The **TARIFF** is printed on the front cover of the **COLOURED SUPPLEMENT.**

Address all inquiries to—

The Publisher: **THE CHEMIST AND DRUGGIST,**
28 ESSEX STREET, LONDON, W.C.2.

Perfumery ❧ Toiletries

THIS is the time of the year when wholesale buying is done in PERFUMERY AND TOILET ARTICLES, particularly for Overseas trade. . . . This year conditions are specially favourable for securing new business but the goods must be advertised.



THE CHEMIST AND DRUGGIST

offers you, in its issue of MARCH 12, 1932, an opportunity for bringing your goods to the notice of potential buyers at Home and Abroad. The PERFUMERY SECTION on that date will be printed in Blue Lake ink on Lilac paper.

PARTICULARS OF SPACE AND CHARGES MAY
BE OBTAINED FROM THE PUBLISHER,

THE CHEMIST AND DRUGGIST
28 ESSEX STREET, STRAND, LONDON
BRANCHES AT MANCHESTER, GLASGOW, SHEFFIELD.

"VITAMIN TESTED YEAST"

Yeast specially prepared for medicinal purposes.

GUARANTEED ABSOLUTELY PURE.

MIDGLEY & PARKINSON, LTD.
WARREN WORKS, PUDSEY, LEEDS.

IONIZED IODINE

(MOLSON BRAND)

Obtainable from the usual wholesalers or the makers

MOLSON IONIZED IODINE CO. Ltd.
34 C, GABRIEL'S HILL, MAIDSTONE

SALES OF "TENZ" TAKE AWAY THE BREATH

"Tenz," the tablets that sweeten the breath without scenting it, are being used by people in every walk of life.
"Tenz" Antiseptic Tablets instantly remove all odours from the breath. There is a universal demand for this line. Keep the dainty Display Box on your counter, and get your share of the sales. Sells at 3d. per tube and shows big profits. Order direct or from your usual Wholesaler.

Tenz Manufacturing Co., 8 Fairfield St., Manchester

"O Phelps Brown's NATURE'S HERBAL REMEDIES"
AND
"DR. LANE'S CATARRH CURE."

Obtainable from your usual Wholesalers or direct from
The Teasdale's Chlorodyne Co. 75 Fitzwilliam St. HUDDERSFIELD



AZYMA CACHETS

FRENCH, MORSTADT, and the new DRY CLOSING
Special quotations for quantities and for printing

Prices on Application
ALL SIZES

(Carr. paid on 4,000)

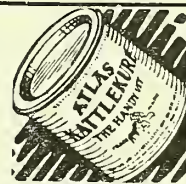
Write for Samples to:
CICERO S. CLARK, Sole Agent,
12 RICHMOND ROAD, W.2

ATLAS**"KATTLEKURE"**

The Best and Safest Remedy for Cattle, Horses, etc.

There is money to be made in Veterinary lines if you stock the right lines. "Kattlekure" is known throughout the country and regularly advertised in all the farming journals.

CARTER BROS., SHIPLEY, Yorks

**BIG PROFITS FOR CHEMISTS ! . . .**

Lashstone

Write to-day for full details and terms of Britain's only scientific Lash Tonic.

Telephone :
REGENT 3057.

BRIDGES (LONDON) LTD., Imperial House, Regent St., London, W.1

BALLOONS PRINTED with your
ADVERTISEMENT
or BLOCK

COMBS, PRESENTS, LEATHER GOODS, NOVELTIES, ETC.

Deal from the oldest established firm in the Trade :

STANBERTS, LTD., STANBERT HOUSE, (Dept. "P"),
377 KENNINGTON ROAD, S.E.11
Reliance 1762.

STOCK "JAZZO" THE MAGIC DANCE FLOOR POLISH

HORNBY'S TINS

For all chemists' purposes

WRITE NOW for samples and prices.

HORNBY & CO. (HULL) LTD.

36 HIGH STREET, HULL

**SHADEINE**

FOR TINTING GREY HAIR

This popular article is largely advertised and stocked by all Wholesale Houses.
Trial size 8d. per doz. 6/-
1/4 size, per doz. 12/-
2/6 size, per doz. 24/-
3/9 size, per doz. 30/-

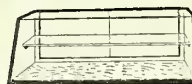
The SHADEINE Co., 58 Westbourne Grove, London, W.2

TREBLES

SHOP FITTERS
SHOP FRONT
BUILDERS

PHARMACY FITTERS for over a Century.

549a Lea Bridge Road, Leyton, London, E.10



THE
KWIK-SALE SHOWCASE

Suitable for all Businesses.

D. MATTHEWS & SON,
Fitters and Showcases
Manufacturers,

14/16 Manchester St.
LIVERPOOL.

11ste glass sloping front. Frameless Mirror
sliding doors at back. Polished edge plate
glass shell inside. Size 3 feet long, 14 in.
back to front at bottom. 9 in. back to front
at top. 12 in. high. £5-10-0

PRINTING. —We issue complete and comprehensive Lists and Sample Sets of Labels, Stationery and Advertising Material. Full of ideas, well executed and competitive in price.

A Post Card will bring them.

ELLAMS & CO., Pharmaceutical Printers,
33 Hanover Street, LIVERPOOL.

IT IS AN INDISPUTABLE FACT
'H.M.G.'

in its improved form is the best CAPPING SOLUTION yet obtainable.

NEW ERA WORKS,
FITZGEORGE ST., COLLYHURST,
MANCHESTER.

Telephone : Collyhurst 2644

C. & D. Stock-Taking Sheets

Halve the Labour of Taking Stock.

Price of Complete Pad, 2/6 post free.

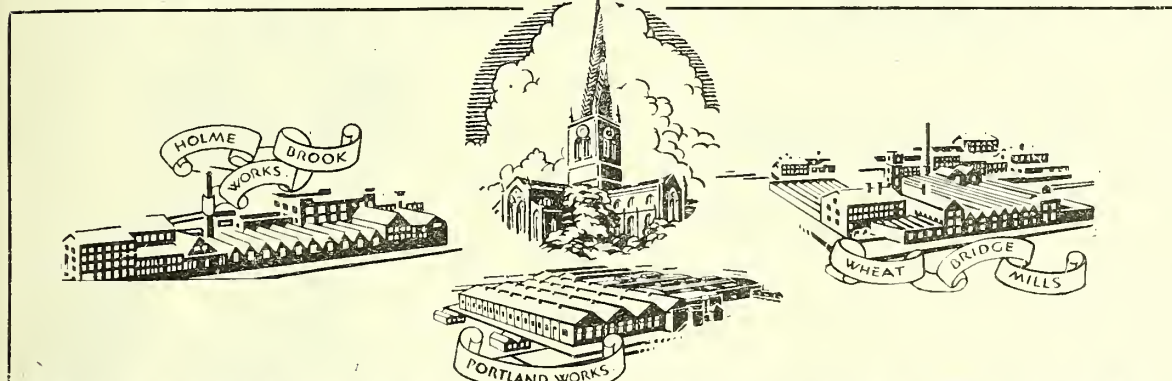
The Chemist & Druggist, Publications Dept.,
28 Essex St., London, W.C.2

Cachet CLOSING and FILLING machines
4/6 to 47/6
to suit all Dispensing Requirements.

WRITE FOR ILLUSTRATED LIST.

THOS. CHRISTY & CO., 4-12 Old Swan Lane, LONDON, E.C.4.

FOR CARDBOARD BOXES



ROBINSON & SONS, LTD.
WHEAT BRIDGE MILLS
CHESTERFIELD & LONDON

B.I.F. LONDON - - - STAND H35

COLLAPSIBLE TUBE FILLING MACHINE

for filling Ointments, Face Creams, Dentifrice pastes etc. Adjustable for small or large amounts up to about 5 liquid ounces.

Instantly dismantled for cleaning.

By using a bent nozzle, glass pots or jars can be filled to a definite amount.

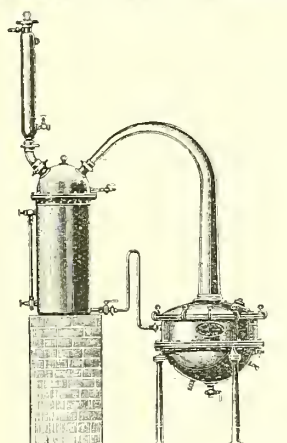
PRICE
From **£7-10-0**

Tube closing machines, Patent Funnels, Asbestos Filters also manufactured. *Send for full lists.*

**J. P. JACKSON
& CO., LTD.**

DEPT. (C.D.).

**18 Earle Street,
LIVERPOOL.**



STILLS, VACUUM STILLS, VACUUM FANS.

EVAPORATING PANS

AUTOClaves AND DIGESTORS

**SPECIAL APPARATUS AND PLANT
FOR MANUFACTURING CHEMISTS.**

Sole Makers of Bennett's Patent "Ideal" Annular Film Condensers. Shears' Patent Muiser.

BENNETT, SONS & SHEARS, LTD.

Engineers & Coppersmiths

43 & 44 Shoe Lane,

LONDON, E.C.4

"WISH OUR CHEMIST SOLD Sergeant's DOG REMEDIES"

THE dog owners as well as the dogs in your neighbourhood will be grateful when they learn that you have the complete assortment of the celebrated Sergeant's Dog Remedies. And you'll be grateful, too, when you learn how profitable it is to handle these splendid remedies for dog ailments. Chemists who have a stock of Sergeant's Dog Remedies find themselves immediately equipped and qualified to treat and diagnose every dog ailment. No previous experience is necessary. All instructions and all necessary information are given you when you make your first purchase.

The "Sergeant's Plan"

The "Sergeant's Plan" enables the chemist to equip himself fully for the treatment of dog ailments with the minimum investment. The two-guinea assortment comprises preparations for all ordinary dog ailments. Complete instructions are given for diagnosis of dog diseases and for proper treatments. A consulting Veterinary Surgeon (M.R.C.V.S.) has been retained



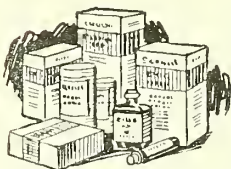
by the company and his advice may be had without cost by all purchasers of Sergeant's Products.

Advantages of the Sergeant's Line

Sergeant's Dog Remedies already enjoy a 53-year-old reputation in Canada and the United States, where they are the choice of millions. Sergeant's Remedies are uniformly packed and the prices are fixed. Press advertising will acquaint your customers with them.

To Introduce This Remarkable Line of Remedies to the Trade Quickly, Unusual Offers Are Being Made. Read These:

FREE!



With each initial order for Sergeant's Dog Remedies, the chemist will be given free goods equal to 10% on the order.

With the purchase of the two-guinea assortment of Sergeant's Dog Remedies, there will be given an attractive counter display cabinet

FREE!



made to represent a dog kennel.

A profusely illustrated booklet has been prepared on the care of dogs and treatment of their diseases. Each chemist will be given an adequate supply for free distribution to his customers who request it.

FREE!



The "Two - Guinea" Assortment Packed in the Free Display Cabinet Contains the Following:

| | |
|------------------------------|-----|
| 6 Puppy Worm Capsules .. | 7/6 |
| 6 Dog Soap .. | 4/6 |
| 6 Insect Powder .. | 4/6 |
| 6 Worm Capsules .. | 7/6 |
| 6 Condition Pills .. | 7/6 |
| 2 Mange Lotion .. | 2/6 |
| 2 Distemper Medicine .. | 5/- |
| 2 Iron Pills .. | 2/6 |
| 1 Pepsin Tablets .. | 1/3 |
| 1 Liniment .. | 1/3 |
| 3 Canker Lotion .. | 3/9 |
| 2 Cough Medicine .. | 2/6 |
| 1 Mouth Wash .. | 1/3 |
| 1 Eye Lotion .. | 1/3 |
| 3 Tape Worm Tablets .. | 3/9 |
| 1 Rheumatic Pills .. | 1/3 |
| 2 Anti-Diarrhoea Medicine .. | 2/6 |
| 1 Laxative Capsules .. | 1/3 |
| 1 Hysteria Medicine .. | 2/6 |

Selling Price .. £ 3 4 0
Cost Price .. 2 2 8

Chemist's Profit £ 1 1 4
Plus Bonus 10 per cent retail
value on initial orders.

Avail yourself of the Introductory Offers

For further information communicate with the
Sole Distributors for the United Kingdom

THE HARRY A. PENNEY CO., LTD.

173-185 Great Portland Street

London, W.1

Telephone Welbeck 3715

Sergeant's DOG REMEDIES

Potter & Clarke

LIMITED



POTTER'S CATARRH PASTILLES



Potter's Catarrh Pastilles are of outstanding merit. They have captured the approval of the public and there is good business and profit for you in stocking this line.

P.A.T.A. 1/3 11/- doz.

In boxes of $\frac{1}{2}$ Dzens.



Phones: Bishopsate. 4761, (5 LINES). Horehound. Grams: Phone, London.

60-64 ARTILLERY LANE, LONDON, E.1.
MANCHESTER: 24 Luna St., Gt. ANCOATS.



The illustration features the word "SASSO" in large, bold, stylized letters at the top. Below it, the words "olive oil" are written in a smaller, lowercase font. To the right of the text is a tall, dark glass bottle of SASSO olive oil with a label that reads "SASSO OIL" and "PURE OLIVE OIL". In the center is a rectangular metal can of "OLIO SPATO". To the left of the can is a line drawing of a woman in a long dress holding a round object, possibly a plate or a bowl. A large, dark, triangular shape is positioned behind the can and bottle, pointing towards the text.

*Recognised as the Standard
of Quality*

All over the world the name "SASSO" stands for what is best in Olive Oil. Doctors recommend it. Stock it and give your customers confidence in your products. Write for New Season's samples and Price Lists, together with particulars of new advertising scheme.

Sole Agents for United Kingdom:

FREDK. BOEHM
LIMITED

17 JEWRY STREET, LONDON, E.C.3

Producers:

P. SASSO & FIGLI
ONEGLIA . . . ITALY

It's an Ill Wind



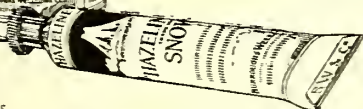
Take advantage of the opportunity afforded by March winds to increase your sales of these two outstanding aids to beauty

“HAZELINE” (TRADE MARK) SNOW”

Vanishes without a trace of greasiness. You can recommend “HAZELINE” SNOW” for day-time use with confidence. Tubes for the handbag; pots for the dressing table



Glass pots, 15/- per dozen.
Collapsible tubes, 5 5 per dozen



Reduced
facsimiles



BURROUGHS WELLCOME & CO.
LONDON

TRADE “HAZELINE” MARK CREAM

Used at bed-time ‘Hazeline’ Cream keeps the skin smooth and supple by making good the loss of natural oil. The contained ‘HAZELINE’ *hamamelis virginiana* is tonic and stimulating

Glass pots, 15/- per dozen.
Jars containing 1 lb., 105/- per dozen. Collapsible tubes 7 6 and 15/- per dozen respectively



Reduced
facsimiles

PHILLIPS' DENTAL MAGNESIA "MILK OF MAGNESIA"

AND

(Regd.)

"DANDERINE"

(Regd.)

QUANTITY DISCOUNTS—5% on 6 doz. 1/3 size or equivalent } and 2½% for cash on the 7th prox.
12½% " 12 " " " }

Showcards, etc., sent carriage paid on request to—

Proprietary Agencies Ltd., 179-181 Acton Vale, London, W.3



TRADE MARK.

When Nature Fails.

Benger's Food was first prepared, over 40 years ago, for the use of medical men, who quickly appreciated that, in Benger's Food, science had been able to step in and give powerful aid when nature failed. Since that time it has always enjoyed the approval and recommendation of the professions of medicine and pharmacy.

Show Material from—

BENGER'S FOOD, LTD., ——— MANCHESTER.

The New Year Brings a Special Offer

Since January 1st our Representatives have had a very special PY-SHAN POINTS TEA PROPOSITION to place before you ; viz., by means of this offer any of your customers are able to try this Tea for 3d., and the special package contains enough tea for a *real* trial. The 3d. is refunded to them when they buy a ½-lb. from *you*.

That is the scheme in outline—our Representatives will give you the details. Ask them or write to us.

PY-SHAN POINTS TEA

THOS. CHRISTY & CO., 4-12 Old Swan Lane, London, E.C.4

THE CHEMIST AND DRUGGIST

A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

*The official organ of The Pharmaceutical Society of Ireland,
The Chemists' and Druggists' Society of Ireland, and of
other Chemists' Societies in Overseas Dominions*

PUBLISHED AT

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (8 lines)

BRANCH OFFICES

4 CANNON STREET, MANCHESTER (TEL.: BLACKFRIARS 3052)
19 WATERLOO STREET, GLASGOW (TEL.: CENTRAL 2329)

54 FOSTER'S BUILDINGS, HIGH STREET, SHEFFIELD (TEL.: 22458)
99 QUEEN STREET, MELBOURNE, AUSTRALIA

CONTENTS

VOL. 116. NO. 2716

FEBRUARY 27, 1932

| PAGE | PAGE | PAGE | PAGE |
|---------------------------------------|---|---|--|
| Association Meetings 231 | Coming Events 211 | Information Department 228 | Pharmaceutical Society of Northern Ireland:— Council Meeting .. 232 |
| BRITISH INDUSTRIES FAIR 214 | Deaths 227 | Irish Notes 210 | Retrospect 238 |
| Business Changes .. 211 | Editorial Articles:— Economy 229 | Marriages 227 | Scottish Notes 210 |
| Correspondence:— Letters 237 | Punch's Hump 229 | New Companies and Company News ... 212 | Topical Reflections . 211 |
| Legal Queries 238 | Festivities 230 | News of the Week . 209 | Trade Marks 225 |
| Miscellaneous Inquiries 238 | Imperial and Foreign News 213 | Pharmacy Week in U.S.A. 213 | Trade Notes 226 |
| | | | Trade Report 233 |

News of the Week

Kent Analyst's Report

The report of the Kent county analyst (Mr. F. W. F. Arnaud) for the period ended December 31, 1931, states that during the past year eighty-six samples of drugs were submitted, and only one, a sample of powdered cinnamon, was found to be adulterated. This sample contained 14.17 per cent. of sand. A sample of yeast was submitted because the person who was partaking of it became violently sick, and the medical attendant thought the yeast might be arsenical. It is well known that yeast can be highly arsenical if grown under certain conditions, but the yeast in question was non-arsenical, as it contained but $\frac{1}{200}$ gr. of arsenic per lb.

Inquests

An inquest was held at Wendover on February 22, on the body of Martin Craig, who died at a local hotel. It was stated in evidence that he purchased 4 oz. of paraldehyde and drank most of it. A verdict of "Death by misadventure" was given.

An inquiry was held at Richmond, Surrey, recently, concerning the death of Mr. G. P. Buckley, a retired chemist and druggist, living at 50 Sheen Road. Death was shown to be due to natural causes, and a verdict was recorded correspondingly.

Sheffield

Mr. C. W. Hobson has returned to business after a sharp attack of influenza.

The Senatus Academicus of the University of Edinburgh has awarded the Cameron Prize for 1932 to Professor Edward Mellanby, Professor of Pharmacology in the University of Sheffield.

Local chemists will be pleased to learn that Mr. G. W. Meadows has been appointed chief executive officer for the North-East Midland Pricing Bureau under the title

of "Clerk and Superintendent." Sir William Hart, who is the retiring chief, is to retain an honorary position as consultant.

Miscellaneous

POISON-LICENCE APPLICATION.—Mr. D. L. Miln, trading as Miln & Co., Chester, has applied to the City Council for a licence to sell agricultural and horticultural poisons.

WINE-LICENCE APPLICATIONS.—At Bath, recently, applications for wine off-licences made by Mr. A. G. Doble, chemist and druggist, and by Mr. E. C. Haskins, chemist and druggist, were refused.

FIRE.—An outbreak of fire occurred on February 18 at 8 Upper East Smithfield, London, E.C., occupied by J. Flach & Sons, Ltd., drug merchants. Some of the workrooms were damaged by the flames. We are informed that the damage is slight, and that the dispatch of orders is proceeding without delay.

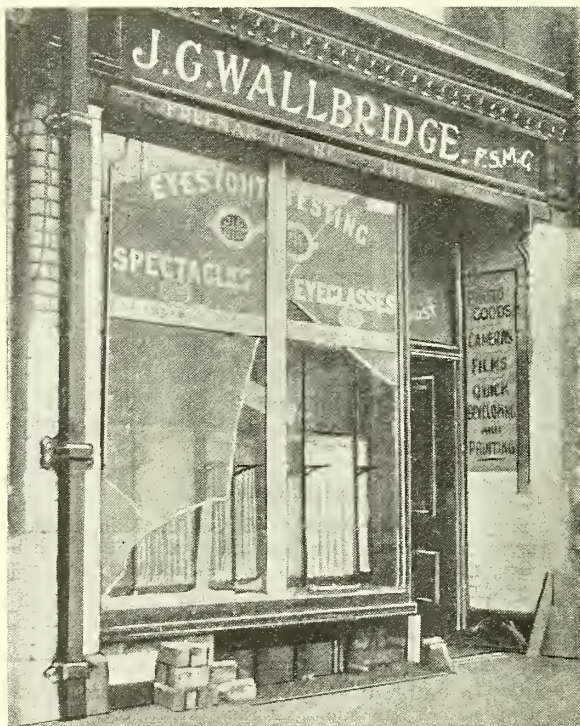
VISITS TO WORKS.—Small parties of the South-West London Chemists' Association paid visits on three occasions during the present month to the "Daily Express" offices, where the processes in its production were witnessed.

DEATH IN A SHOP.—While in the branch of Boots, Ltd., in Shakespeare Street, Nottingham, on February 19, a Mrs. King, residing in Mansfield Road, collapsed and died. It is stated that she had been under medical treatment for heart trouble.

THEFTS.—The premises of Dennison & Graham, chemists, Copland Terrace, Newcastle-on-Tyne, were broken into recently and a sum of money was stolen. —The post office carried on at the pharmacy of Mr. J. K. Lyons, chemist and druggist, Camberwell, London, S.E., recently received the attention of burglars, who removed the safe and abstracted the money and stamps.

IN THE COURTS.—In the King's Bench Division of the High Court, London, on February 17, J. Taylor & Sons, grain merchants, Camberwell, S.E., sued the Union Castle Mail Steamship Co., Ltd., for damages alleged to arise from the death of six horses which had eaten "mixed sweepings" containing castor beans from one of the defendants' ships. Mr. Justice MacKinnon held that the idea of attributing to the clerks of the shipping company a knowledge of the dangerous nature of the beans seemed "extravagant and impossible," and gave judgment for the defendants, with costs.—At Solihull Police Court, on February 23, fines and costs amounting to £8 16s. were imposed on A. H. Windridge, Ltd., chemists, The Square, Knowle, and on Mr. A. H. Windridge, for offences under the Companies Acts. The complaint against the company was that the return for 1930 had not yet been sent to the registrar. A second summons was for failing to notify a change in the directorship, and Mr. Windridge was summoned for permitting these defaults. Mr. H. F. Sherratt, who prosecuted, said that the defendants could be fined a total of £1,820.

WINDOW SMASH.—On February 17 a taxicab ran into the shop front of Mr. J. G. Wallbridge, chemist and optician, 227 Kensington, Liverpool. The glass



sign was smashed, and such was the impact that the lintel of the shop door was forced several inches back and the spectacle stock scattered on the pavement.

Retail Pharmacists' Union

Southampton.—The Southampton and District Branch of the Retail Pharmacists' Union held a meeting on February 17. Mr. Prothero (chairman) opened the meeting, and invited Mr. J. E. French to take the chair. Mr. French called on Mr. G. A. Mallinson (secretary of the Union) to address the meeting on the work of the Union during the past year. Mr. Mallinson mentioned electoral reform, the Pharmacy and Poisons Bill, National Health Insurance dispensing and other matters. A discussion followed in which Messrs. Leeson, Williams, Latto, Eley, Beaton, Young and Prothero took part. A vote of thanks to Mr. Mallinson and to the chairman was proposed by Mr. Prothero.

Scottish Notes

Brevities

Ex-Provost Roderick Smith, chemist and druggist, Stornoway, has been appointed a bailie.

Mr. John Bateman, chemist and druggist, manager at Inverness for Boots, Ltd., has been presented by the staff with a silver tea service on the occasion of his approaching marriage.

The jubilee of University College, Dundee, was celebrated on February 18; at the graduation ceremony, held in the Caird Hall, several distinguished persons received the honorary degree of LL.D.

Notice has been given that the heritable estate of Mr. William Kirkpatrick Mitchell, chemist and druggist, 53 Main Street, Newhaven, who died on June 22, 1911, has reverted to the Crown as "Ultimus Haeres."

Irish Notes

Customer's Claim Fails

In the King's Bench Division of the High Court, Belfast, on February 18, before Mr. Justice Brown and a common jury, an action was brought by Mr. James Greer, bookseller, Smithfield, against Mr. Samuel Gibson, chemist and druggist, King Street, for alleged negligence in the treatment of an injured hand. The plaintiff said that on October 27 he fell and injured his hand. The following day he went to the defendant's shop, and told the man in charge what had happened. The man put on a tight bandage and saturated it with iodine. His hand became so painful that he went to hospital. He had it dressed, attended hospital for about four weeks, and during that time was unable to do any work. In cross-examination, the plaintiff said his hand had not been treated before he went to the defendant's shop, and he had no bandage on the hand. Dr. W. McKeown, house surgeon in the Mater Hospital, said there was an extensive blister on the back of the plaintiff's hand when he visited the hospital. Mr. Joseph Montgomery, R.D., manager of the defendant's shop in King Street, examined for the defence, said that when the plaintiff entered the shop, he explained that he had injured his hand, and wanted iodine on it. He had an old bandage on the hand when he called. Witness put on a fresh bandage, sprayed a little weak tincture of iodine on it, and advised the plaintiff to wash the hand and bathe it. Cross-examined: The plaintiff did not say he wanted treatment for the hand, but said he wanted iodine put on it and a bandage. Mr. Gibson, giving evidence, said that when the plaintiff came into his shop and he (witness) suggested that he should get a lotion for it, the plaintiff appeared to be quite cross, and said he wanted iodine put on it. The jury found for the defendant, and judgment was given accordingly.

Brevities

Mr. J. J. Cole, Ph.C., Cavan, was defeated in the Free State general election, losing the seat he has held for several years.

Miss J. Kyle, Ph.C., Dungannon, had a narrow escape recently when the car she was driving skidded; Miss Kyle was uninjured, but the car was wrecked.

At Ballymoney, co Antrim, on February 16, Hugh Martin was summoned for making a false representation to Mr. James Stewart, Ph.C., for the purpose of procuring methylated spirits, and on a second count for drinking methylated spirits. The first summons was dismissed and in the second a fine of 40s. was imposed.—At Ballymena Licensing Court, on February 19, Mr. Robert J. Dick, Ph.C., was summoned for selling methylated spirits to a person under eighteen. Alexander McKinlay was summoned for making a false statement for the purpose of procuring methylated spirits. Mr. Dick said he thought McKinlay was over eighteen. Fines of 5s. and costs were imposed in each case.

Coming Events

Tuesday, March 1

Glasgow Pharmacy Club, Grand Hotel, at 7.30 p.m. Annual dinner and presentation of prizes. Tickets, ladies 6s. 6d., gentlemen 7s. 6d., from the secretary, Mr. W. Peebles, 110 Springfield Road, Glasgow, S.E.

Wednesday, March 2

Thames Valley Pharmacists' Association, Restaurant Frascati, Oxford Street, London, W.1. Annual dinner and dance. Reception 6.30 p.m., dinner 7 p.m. Tickets 12s. 6d. each.

Thursday, March 3

Manchester Pharmaceutical Association and Manchester, Salford and District Branch of the Pharmaceutical Society, Council Chamber, Houldsworth Hall, Deansgate. Joint meeting. Dr. T. H. Bedford (Assistant Lecturer in Pharmacology, Manchester University) on "Dietetics."

South-Eastern Association, Chiesman's Restaurant, Lewisham. Annual dinner and dance. Tickets 10s. 6d. each, exclusive of wines.

London College of Pharmacy, Old Students' Association ("The Old Cyanides"), Pinoli's Restaurant, 17 Wardour Street, London, W.1, at 8.30 p.m. for 9 p.m. Meeting and supper. Tickets 4s. 6d. each.

Business Changes

MR. W. OWEN, chemist and druggist, has taken over the business of Mr. P. Stirrup, chemist and druggist, 474 Holdenhurst Road, Bournemouth.

MR. JAMES WOOD, chemist and druggist, has purchased the business of the late Mr. W. Kemp, chemist and druggist, 33 High Street, Dalkeith.

MR. THOMAS WADE, 36 Cheyne Walk, London, S.W.3, has purchased the wholesale and manufacturing business of the late Mr. W. Temple Cooper, Wealdstone. [Corrected note.]

SIDAC SILVERINE Co., 208 Tower Bridge Road, London, S.E.1, have taken over the sale of Sidac Silverine from W. S. Muir & Co., Ltd., 83 Upper Thames Street, E.C.4.

MR. ERNEST J. GEORGE, chemists' valuer and transfer agent, Tudor House, Walsall, is opening a new office at Sentinel House, Southampton Row, London, W.C.1; it is Mr. George's intention to attend there personally as frequently as possible, while a fully qualified representative will be permanently in attendance.

Topical Reflections

By Xrayser

Import Duties

may be required to enable the Government to put the country's financial affairs in order, but careful perusal of your comments on the Import Duties Bill (*C. & D.*, February 20. p. 197) does not tend to an unmixed sense of cheerfulness. Importers, in particular, may be expected to regard the coming change with feelings of dissatisfaction, and those are not likely to be lessened as they realise the extent to which their business may be hampered in the immediate future. Determination of the value of imported goods for the purpose of assessing the amount of duty payable promises to be attended with some uncertainty, and there is no telling as yet how much more consumers will have to pay for goods from abroad. What 10 per cent. *ad valorem* may mean depends so much upon the figure at which the value is fixed; it would not greatly surprise me to find the public paying much more than the 10 per cent. actually levied upon imports. In any case it is clear that it is the consumer who will have to pay the import duty, whatever it may amount to.

Dispensing Accuracy

has provided Mr. John Butler with an excellent opportunity for showing how utterly impossible it is for the dispenser of medicines to attain to anything like the accuracy in weighing and measuring that is enjoyed by the analytical chemist (p. 191). This may not be exactly what Mr. Butler set out to do, but the facts he presents all tend to prove that the terms "accurate" and "inaccurate," as applied to the dispensing of medicines are only relative. So strongly do I feel with regard to this point that I venture to challenge the use by Mr. Butler of the word "error" as applied to a difference in weighing or measuring, due to one of the several causes of variation to which he directs attention. Technically, the use of the word may be correct, but its use in analyst's reports tends to prejudice dispensing chemists unfairly, just as does the practice of referring to shortage or excess of an ingredient in percentages. A so-called "error" of 10 per cent. in defect or excess of the specified dose of a medicament means so little in the way of variation that it seems hardly worth taking note of, and it is almost certainly much less than the variation would be if the doctor who prescribed the medicine compounded it.

Colloidal Chemistry

interests me almost more than any other branch of our particular science, and I was vastly interested in Mr. Lupton's exposition of the subject in your latest issue (p. 199). He has crowded a tremendous lot of information into his modestly styled "outline," and the result may dispose casual readers to regard colloidal chemistry as a maze of unfamiliar terminology. But anyone who takes the trouble to attack the subject patiently will find himself well rewarded for his pains, particularly if he be content to proceed by easy stages and indulge in an occasional experiment that may help in the elucidation of some doubtful point. So many of the problems of the pharmacy have fresh light thrown upon them by the application of knowledge gained by the study of colloidal chemistry that pharmacists simply cannot afford to be ignorant of the subject, whilst the more they know about it the better pharmacists they will be. Meanwhile one would like to see Mr. Lupton elaborating his "outline," even to the extent of producing a textbook on colloidal chemistry, with pharmaceutical illustrations.

Is It Possible

that at last there is hope that goods may be sold on their own merits and not for the accessories offered by the manufacturers? Your information as to the publication of the "Gift Coupon Bill" does arouse expectations that competition shall be divested of one of the most offensive features of recent years. To me it has always been a matter for wonder how eminently respectable firms could associate themselves with schemes of which the foundation is a system of bribery. As for the public patronising them, it has always been the weakness of people in general to seek after the acquirement of "something for nothing." If this Bill becomes law it will not bring in the millennium. My experience of Acts of Parliament does not lead me to hope for so much; but if it does something to minimise the deplorable tendency to encourage purchasers "to have a flutter" when they should be scrupulously buying their commodities it will be worth while. Every pharmacist will be pleased to be rid of a service which was incompatible with the maintenance of his self-respect.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

FOWLERS (STOCKPORT), LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists and druggists, drysalters, opticians, etc. R.O.: 4 Buxton Road, Stockport.

KINGLY MANUFACTURING COMPANY, LTD. (P.C.).—Capital £300. Objects: To carry on the business of chemists, druggists, perfumers, drysalters, oil and colourmen, etc. R.O.: 10 Kingly Street, W.I.

J. H. STUTTER & Co., LTD. (P.C.).—Capital £500. Objects: To carry on the business of chemists, druggists, chemical dealers, dispensers, perfume manufacturers, etc. R.O.: Bridge Street, Downham Market.

VICTOR ONWARD, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, etc. R.O.: 4 Boltro Road, Haywards Heath, Sussex.

W. K. HARRISON, LTD. (P.C.).—Capital £100. Objects: To carry on the business of pharmaceutical and dispensing chemists, druggists, drysalters, etc. R.O.: 25 Hyde Park Road, Leeds.

E. BUTTERWICK (CHEMIST), LTD. (P.C.).—Capital £500. Objects: To carry on the business of pharmaceutical and dispensing chemists, photographic dealers, etc. R.O.: 522 Inglemire Lane, Hull.

ADELPHI RESEARCH LABORATORIES, LTD. (P.C.).—Capital £1,200. Objects:—To adopt an agreement with L. Snazelle, and to carry on the business of chemical and medicine manufacturers or other research work, etc. Solicitors: Fowler & Co., 28 Victoria Street, S.W.I.

POLYSULPHIN Co. (1932), LTD. (P.C.).—Capital £19,000. Objects: To acquire the business of chemical and soap manufacturers, engineers and machinery makers, and general merchants, as formerly carried on by Polysulphin Co., Ltd., at Keynsham, near Bristol, and elsewhere.

MORTIMER'S CHEMISTS, LTD. (P.C.).—Capital £300. To carry on the business of dispensing and manufacturing chemists and druggists, makers of and dealers in optical fittings, glasses and instruments, cosmetics, patent and proprietary medicines, etc. Solicitor: J. H. Neville, 31 North John Street, Liverpool.

JAMES MASSEY (CHEMISTS), LTD. (P.C.).—Capital £500. Objects:—To carry on the business of wholesale and retail chemists, druggists, manufacturers of and dealers in medicinal, chemical, perfumery and toilet preparations, etc. Solicitors: Frank Collis & Son, Provincial Bank Chambers, Stoke-on-Trent.

LUFT-TANGEE, LTD. (P.C.).—Capital £1,000. Objects: To adopt an agreement with the George W. Luft Co., Inc., and to carry on the business of manufacturers of and dealers in lipstick, eyebrow pencils, face, toilet and cold creams, face and other powders, etc. R.O.: 5 Thavies Inn, Holborn Circus, E.C.

EDWARD WIGGINS & Co., LTD. (P.C.).—Capital £10,000. Objects: To acquire the business of manufacturing chemists carried on by Edward Wiggins & Co., Ltd., and to carry on the business of manufacturers, importers and exporters of and dealers in lubricating oils, greases, bitumens, asphaltums, petrol and disinfectants, etc. R.O.: Essex House, High Street, Stratford, E.15.

INCORPORATED OPHTHALMIC COUNCIL.—Private unlimited company. Capital £100. Objects: To form and keep a register of medical men possessing special ophthalmic qualifications who would be willing to undertake to examine the eyes of persons insured under the National Health Insurance Act. The management is vested in a committee consisting of not less than three

nor more than five qualified ophthalmic surgeons, and not less than three nor more than five persons appointed from amongst officers and members of committees of management of approved societies under the National Health Insurance Act. The first members of the Committee are: F. Moxon, O.B.E., M.B., B.Sc., W. L. Holyoak, M.D., B.Sc., H. J. Taggart, B.A., F.R.C.S. (ophthalmic surgeons), G. Hicks, M.P., C. A. Bamford and F. Baily (approved society representatives). R.O.: 274 Vauxhall Bridge Road, S.W.1.

SOUTHALL BROTHERS & BARCLAY, LTD.—Accounts for the year ended December 31, 1931, show that, after providing for income tax, depreciation, bad debts, bonus to staff, etc., there is a balance of profit of £72,793, which, with £27,100 brought forward, makes a total of £99,893. Interim dividends on preference shares of £3,250 and on ordinary shares of £6,500 have been paid, leaving a balance of £90,143. The directors recommend appropriation of this amount as follows:—Second half-year's dividend on preference shares, 5 per cent. per annum, £3,250; dividend on ordinary shares, 12½ per cent., free of tax (less interim dividend of 5 per cent. paid), £9,750; bonus of one ordinary share for every five, £9,750; to reserve account, £40,000, making the total of that fund £340,000, and balance of £27,393 carried forward. The authorised and issued capital is £260,000, comprised of 130,000 5 per cent. cumulative preference shares of £1 and 130,000 ordinary shares of £1 each.

Bankruptcy Reports

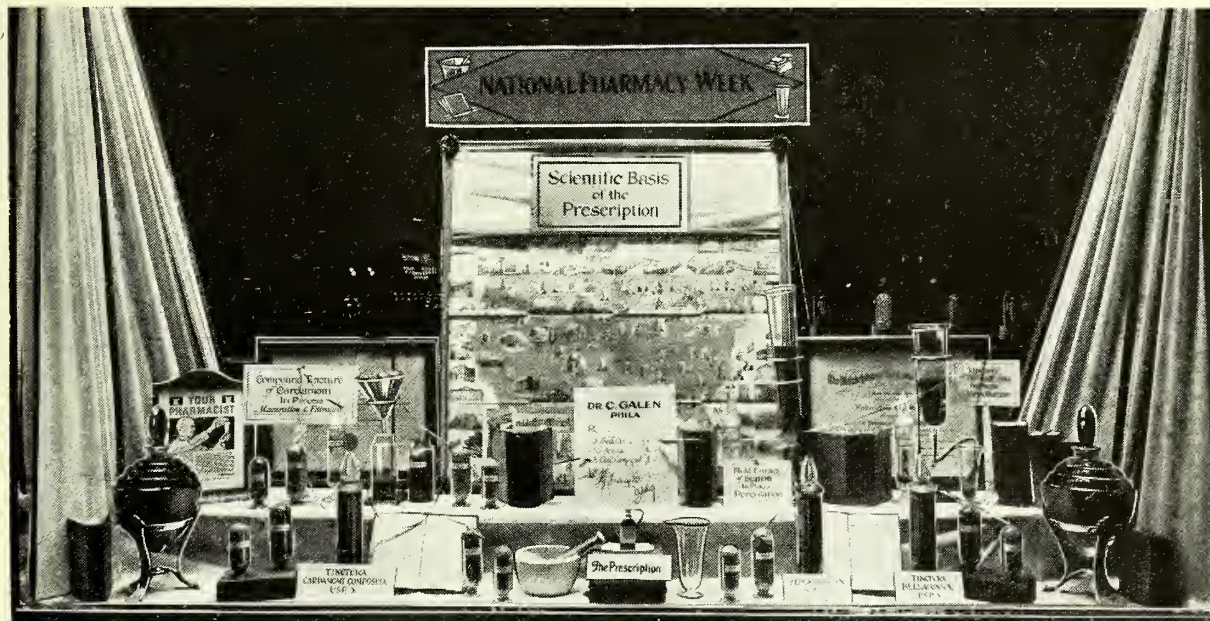
Re Ernest Shuffelebotham, 24 Christleton Road, Chester, chemist and druggist.—The public examination was held recently, at the Castle, Chester, when the statement of affairs showed liabilities of £633 8s. 5d., and assets of £174 2s. 2d., leaving a deficiency of £459 6s. 3d. The failure was attributed to insufficient profits to meet overhead expenses; costs of writs and summonses, and bad debts. He first became aware of the position in December, 1929. The debtor admitted that he had paid £2 10s. per week to an assistant, which practically meant half his profits. The examination was closed.

Re Jonathan Edwards Robertson, 18 High Street, Keynsham, Somerset, chemist and druggist.—Liabilities amounting to £1,058 2s. against assets of £307 11s. 11d., were shown in the statement of affairs of this debtor when he appeared recently, at the Official Receiver's Offices, Baldwin Street, Bristol, for the first meeting of his creditors. He stated that he commenced business as a chemist in 1896, at Gloucester, and started a new business at Keynsham in 1904. He removed to his present address in 1906. He attributed his failure to depression in trade during the past two years; small margin of profit on tobacco sold wholesale; heavy family expenses and pressure by creditors. The case was left in the hands of the Official Receiver as trustee.

Private Arrangements

Shelley Quinn, Pharmacist, 512 Huddersfield Road, Oldham.—The creditors were called together, recently, at the Lyceum, Oldham, when a statement of affairs was submitted showing liabilities of £203 9s. 3d., all due to the trade. The assets were estimated to realise £237 6s. 2d., or a surplus of £33 16s. 11d. The assets consisted of cash at bank, £20 6s. 2d.; furniture, £15; fixtures and fittings, £20; book debts, £9 10s.; and stock, £180. It was stated that the debtor commenced trading about twelve years ago, and carried on business successfully for a number of years. Recently the turnover had declined. It was decided to leave the matter in the hands of Mr. P. Ogden, accountant, of Oldham, as trustee. A committee was also appointed consisting of Mr. Newby and Mr. Parkin S. Booth.

Pharmacy Week Windows in the United States



THE window display shown above, made at the Haussmann Pharmacy, Philadelphia, U.S.A., was judged the winner of the National Pharmacy Week contest for 1931. The prize is a cup awarded by the Federal Wholesale Druggists' Association. In announcing their decision the Committee state:—"The Haussmann pharmacy window told a complete story . . . the theme, 'Scientific Basis of the Prescription,' being carefully worked out in such minute detail that the layman could easily see the preparation, step by step, in compounding the prescription, which appeared in the window, from the crude drug to the finished product. . . . Honourable mention was given to W. M. Federmann, Kansas City, Missouri. A lot of

time and thought was put into this most attractive window display. Crude drugs and apparatus make up the biggest part of the window, each article plainly marked. Third choice was a window by Edward J. Ireland, Madison, Wisconsin. This window, too, used crude drugs with a background of pharmaceutical books. The U.S.P. dated 1820, another 1920, stood out very prominently in this display. Number four was a window entered by O'Brien Drug Co., Omaha, Nebraska. This window featured pharmaceuticals and apparatus which made a very interesting display. It was highly gratifying to the Committee to find so many pharmacists throughout the country interested in professional pharmacy."

Imperial and Foreign News

BUSINESS CHANGE.—The Federal Dispensary, Ltd., of Kuala Lumpur has acquired the business of Imms Dispensary, Ltd., Singapore.

PARAGUAYAN CUSTOMS DUTIES INCREASED.—The following increases in Customs duties are notified by H.M. Consul at Asuncion. Perfumery, soap, toilet preparations, cosmetics and the like; mineral oils; pharmaceutical products and specialties and products used in medicine, all duties increased by 10 per cent. The duties on pigments, paints, varnishes, colours, inks, etc., have been increased by 25 per cent.

GERMAN PHARMACISTS AND REDUCED PURCHASING POWER.—The persistent decline in sales which was experienced by German pharmacists in 1931, is stated to be due to the general economic crisis in the first place, besides being the result of measures taken by the sick funds to limit the consumption of medicines. The average decline in sales is estimated at about 20 per cent., reaching to over 40 per cent. in many cases. The decline in the consumption of medicines has resulted in the throwing out of work of over a thousand pharmacy employees. The position of the smaller pharmacies is

particularly precarious. The growing medicine swindle, which is carried on mostly in the country districts, by peddlars and travellers of questionable firms, is injuring both the pharmacists and the public. An equitable distribution of pharmacies over town and country will be an important problem for the authorities in 1932.

BRITISH GOODS IN EGYPT.—From the official organ of the British Chamber of Commerce of Egypt, and from private correspondence, we learn that steps are being taken to promote increased sales of British products in Egypt. A permanent exhibition in Cairo for British goods is among the suggestions put forward. Manufacturers who propose to send representatives to Egypt should preferably select those who speak French. The address of the British Chamber of Commerce in Cairo is 5 Sh. Boursa el Gedida.

POISONING BY CHENOPODIUM OIL.—Bangkok Criminal Court gave its judgment, recently, in a case in which a qualified Siamese doctor and his dispenser were charged with having caused by negligence the death of two boys. The death was the result of the administration of oil of chenopodium and the subsequent neglect of the two patients by the doctor. Sentences of imprisonment were passed with, in the case of the doctor, a fine in addition. It is understood that an appeal is probable.

BRITISH INDUSTRIES FAIR, 1932

LONDON, FEBRUARY 22—MARCH 3

Notes on the Principal Features



THE London section of this year's British Industries Fair opened at Olympia, W.14, and at the White City, W. 12, on February 22. The closing date is March 3 at Olympia and March 5 at the White City. By a slight modification of last year's arrangement, textile fabrics and goods derived from them are shown at the White City; all other classes of exhibits, except those of the heavy industries to be seen at Castle Bromwich, Birmingham, remain at Olympia. The hours of opening at Olympia and the White City are from 9.30 a.m. to 7.30 p.m., the public being, as formerly, admitted, on payment, after 4.30 p.m. (after 1 p.m. on Saturdays). The Queen and other members of the Royal family are visiting the various sections of the Exhibition from time to time. Exhibitors at Olympia number approximately 1,500, and occupy about 300,000 square feet of floor space; both these figures are larger than the corresponding ones for last year. It is interesting to note that Wallace Heaton, Ltd., are the photographers to the Exhibition. The customary Government Banquet was held at the Mansion House on the evening of February 22, when the Duke of York, who was the principal speaker, commented on the increase in the scope of the Fair since its modest commencement in 1915.

The Empire Marketing Board has again sponsored a series of exhibits just inside the main entrance to Olympia. The countries contributing to the section are England and Wales, Scotland, Northern Ireland, Canada, Australia, New Zealand, South Africa, the Irish Free State, India, Southern Rhodesia, Newfoundland, East African Dependencies, Malaya, Trinidad and Tobago, Cyprus, Mauritius, and the Bechuanaland Protectorate. Foodstuffs and prepared foods predominate at all of these stands, but there are a few drugs and other specimens of interest to the drug trade. Malaya, for instance, has sent kapok, revertex (a rubber containing only 25 per cent. of water), capsicum fruit, gambier, damar and palm kernels. From Trinidad and Tobago come, in addition to sugar, cacao beans and fuel oils. South Africa is represented, *inter alia*, by raw cotton, wattle, and minerals such as talc. Australia supplies casein; New Zealand flax and honey (the latter is also shown by the Ontario Honey Producers' Co-operative); and Newfoundland cod-liver oil. The number of visitors on the opening day was distinctly above the average—an auspicious sign of increasing interest at a time when such interest is especially desired. The lack of seats is again noticeable, and is to be particularly regretted in view of the time necessarily occupied by the average visitor in seeing merely the types of goods in which he or she is interested.

Drugs, Chemicals and Proprietaries

ALBRIGHT & WILSON, LTD., show a good range of fine and pharmaceutical chemicals. A large centre case is utilised to display such products as carbon tetrachloride, sodium phosphate, sulphur lac, magnesium hypophosphate, sodium glycerophosphate and other compounds. Tartaric acid in powder, granules and crystals is shown on a side stand.

A. BOAKE, ROBERTS & CO., LTD., have one of the most comprehensive displays in the Fair. In fine chemicals they are showing synthetic menthol, a series of musks, safrol, amyl cinnamic aldehyde, geraniols, isoeugenol, citronellol and many others of general application. Zinc stearate and magnesium stearate in a very fine state of division will appeal to manufacturers of toilet powders; and solvents, plasticisers and gums to makers of lacquer, paint and allied products. Flavouring essences form another group in which Messrs. Boake, Roberts have long specialised; in this connection the Drydex series (in powder form) may be instanced. This brief list might be extended almost indefinitely.

W. J. BUSH & CO., LTD., have a handsome stand, prominent on which is a fine specimen of vanilla pods. Messrs. Bush are showing a complete series of flavouring essences and a remarkable range of fine chemicals, essential oils, isolates, floral concretes and absolutes. Among the isolates are geraniol, anethol, eugenol, carvone and isoeugenol. As examples of intermediates there are oxalacetic ether, malonic ester, sulphanilic acid, phenylhydrazine sulphonc acid, salicylic acid and benzyl chloride. Of interest also is a range of harmless food colours.

F. C. CALVERT & CO., LTD., feature this year, in addition to Calvert's tooth powder, an electric vapourising apparatus and Lypene, a new disinfectant; the last-named was described in the *C. & D.*, February 20, 1932.

H. & V. ELSDALE, manufacturing confectioners, have on view some attractive lines in laxative fruit candies, cough candies, cream mint and lime drops.

FERRIS & CO., LTD., have a comprehensive exhibit covering a considerable part of the average retailer's requirements. A prominent position is occupied by first-aid outfits, one of which carries out suggestions made in a broadcast address as recently as February 11; others include motor-coach sets and smaller boxes suitable for counter display. Bacteriological outfits form another side of Messrs. Ferris's activities, and such products as eye ointments in gelatin capsules will appeal chiefly to medical visitors. Pharmacists will see various neatly packed lines suited to retail demands; among these are Tonagen (a nerve food), Pinoma bath salts, an anti-midge lotion and, it is hardly necessary to add, Nigroids.

THE GENERAL CHEMICAL AND PHARMACEUTICAL CO., LTD., have an interesting series of mounted test-tubes showing the delicacy of their Judex special reagents for detecting and estimating sodium, potassium, magnesium, cadmium and other bases. A wide range of chemicals for industrial use is also manufactured by the company.

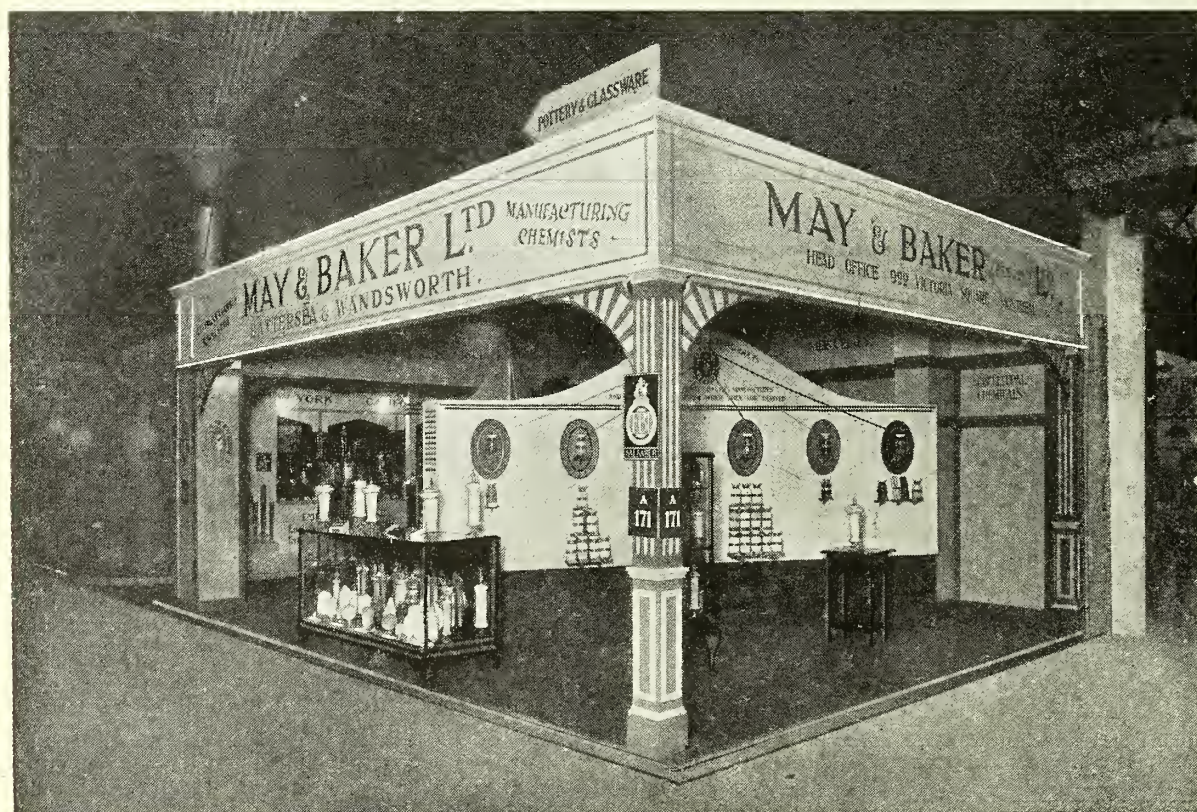
HOPKIN & WILLIAMS, LTD., have, as usual, a striking collection of specimens of fine chemicals, rare earths and reagents. Sets of buffer solutions are shown; stains in solid form and compound stains in solution, covering all branches of microscopy, form another section; and among the organic fine chemicals are 2:4 dinitrophenylhydrazine *p*-nitrocinnamic acid, *p*-nitrobenzyl cyanide and *p*-nitrophenylacetic acid. Barium sulphate for *x*-ray diagnosis and cobalt acetate for paint manufacturers are typical instances of the range of industries catered for.

HOWARDS & SONS, LTD., have a large stand arranged with their usual artistry, and containing many attractive specimens of fine chemicals. Prominence is naturally given to their new lactates—sodium lactate, bismuth lactate, zinc lactate, and isopropyl lactate. Synthetic menthol and its isomers, isomenthol and neomenthol—the last two produced for the first time in a pure state by any laboratory—are also shown. Flodia, a fixative for perfumery, is another novelty to which the attention of our representative was drawn. Of other features it may suffice to mention scale preparations, numerous tablets (e.g., quinine, aspirin). Howards' standard ether and the range of technical solvents.

The stand of IMPERIAL CHEMICAL INDUSTRIES, LTD., is a complete exhibition in itself. Outside a number of small windows are devoted to displays of fertilisers, benzyl cellulose materials, Chloros disinfectant, and refrigeration plant. Inside are a number of bays in which are displayed plastic materials, dyestuffs, alkalis, fertilisers, and an interesting model of a chemical works. Great interest is being shown in a new plastic material stated to possess advantages over other forms of plastics, and demonstrated for the first time at this year's Fair. The material, benzyl cellulose, is prepared by the action of caustic soda and benzyl chloride on cellulose, benzyl alcohol, dibenzyl ether and sodium chloride being the by-products formed. As benzyl cellulose is soluble in these organic by-products, the reaction mass is in a rubbery, gelatinous form, from which the by-products are removed during purification. When purified and dried, benzyl cellulose is a cream-coloured moulding material which is white when bleached.



W. J. BUSH & CO., LTD.



MAY & BAKER, LTD.



JOHNSON & SONS MANUFACTURING CHEMISTS, LTD.

WHIFFEN & SONS, LTD.

JOHNSON & SONS MANUFACTURING CHEMISTS, LTD., exhibit a comprehensive range of Scales brand pharmaceutical, photographic and fine chemicals. In the pharmaceutical section is displayed a selection of galenicals and packed goods, together with a good show of packed medicinal liquid paraffin. Messrs. Johnson are specialists in the last-named product and have a wide series of bottles and labels to suit all classes of trade. Special mention should be made of Arvitin, an organic compound of colloidal silver for use in ophthalmic work, and Examarata, a specially prepared fluid extract of cascara from which the bitter principle has been removed. The photographic section is of considerable interest, and includes a series of tank developers (for the D. & P. department) to suit all sizes of tanks. The range of developers manufactured by Messrs. Johnson includes amidol, metol, pyrogallol acid, hydroquinone, glycin, paramidophenol, azol and chlorquinol, the last named being a special developer for obtaining warm black tones on chloro-bromide papers. There is also an interesting display of surgeons' and mounted caustics.

MACLEANS, LTD., have an attractive exhibit of many of their pharmaceutical products and toilet preparations. Prominent among these are Peroxide tooth-paste and Maclean brand stomach powder; other noteworthy items are a (new) cold and influenza mixture and Oslo bath salts, the latter of which is well established in popular favour.

The predominating feature on the stand of MAY & BAKER, LTD., is again a V-shaped screen on which are exhibited Planet brand products together with the materials from which they are derived. The screen display includes such raw materials as iodine, bromine, mercury metal, chlorine, cadmium, cobalt oxide, bismuth metal, phenol, citric acid, and a number of drugs, surrounded by the preparations in which they enter into composition. Particular interest attaches to a display of camphor tablets each wrapped in coloured cellophane; this material, our representative was informed, prevents any appreciable loss of weight in the camphor over a long period. On a centre stand is displayed a

wide range of fine industrial chemicals, while the pharmaceutical specialties include excellent specimens of santolin, phenolphthalein, chlorbutyl, citrates, bismuth salts, as well as the arsenical remedies novarsenobillon, metarsenobillon, arseno-argentum, acetylarsan, stovarsol and halarsol. Bromides from Empire bromine call for special mention.

THOMAS MORSON & SON, LTD., occupy a stand of which simplicity of fitting is the keynote. The dignified appearance of light oak is enhanced by glass-sided pillars supporting the fascia, while on a shelf in the interior, old copper stills, dating back almost a century, are to be seen. A comprehensive selection of pharmaceutical, research, technical and industrial chemicals is on display, including Morson's soluble kresote in the form of a light brown powder, easily soluble in water or syrup.

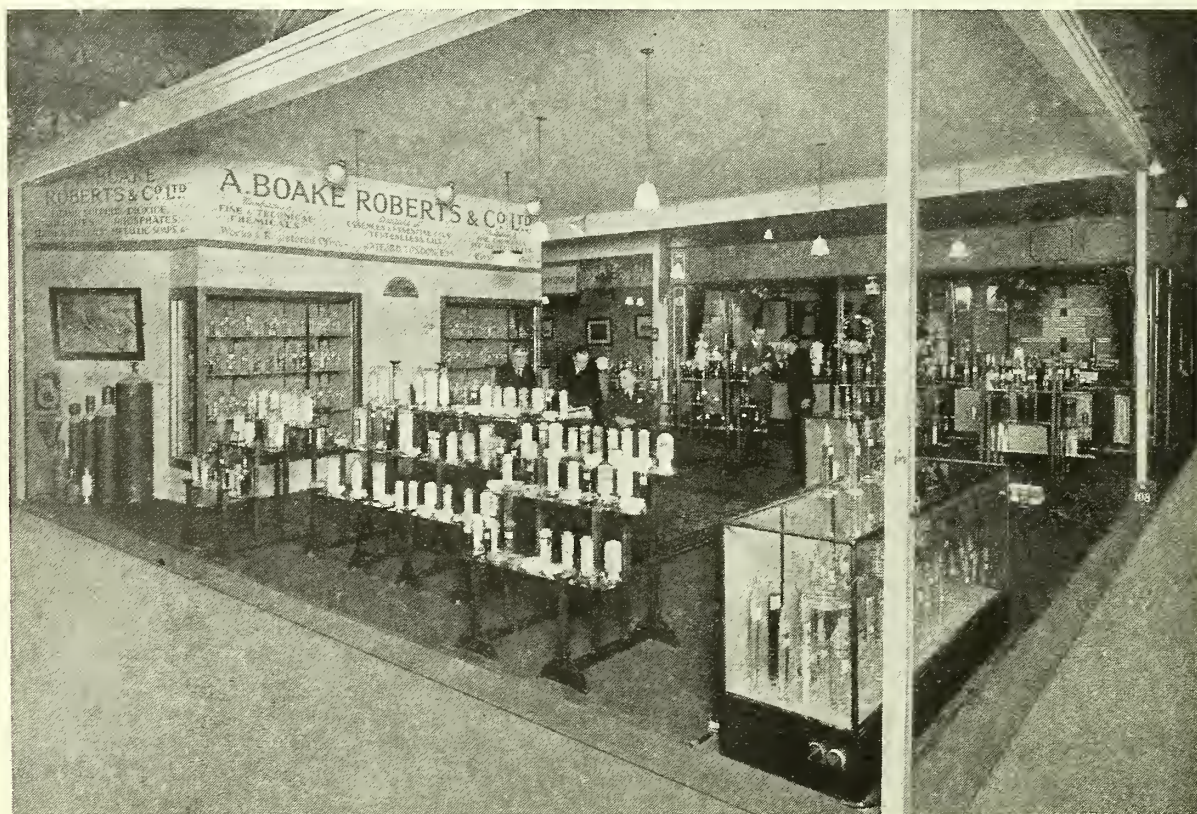
The TRADE COMMISSIONER FOR MYSORE has sandalwood oil as the predominating feature on his stand; he shows also soaps and Mysore granite.

NEWTON, CHAMBERS & CO., LTD., display a range of Izal preparations; Izal, it is interesting to note, is used to spray the exhibition hall.

W. T. OWBRIDGE, LTD., have, as in past years, a well-arranged exhibit of their Lung Tonic and other proprietaries, the export trade in which, we note, shows a satisfactory increase.

The attractive green colouring of the stand of THOS. TYRER & CO., LTD., serves to distinguish it from surrounding exhibits. Sterling brand chemicals are displayed to advantage, while bismuth metal and bismuth salts occupy prominent positions. Chemicals for the oil and paint trades include aluminium stearate, zinc stearate, resins, linoleates, cobalt and manganese salts, and for the rubber industry zinc sulphide and cadmium sulphide. Pharmaceutical chemicals shown include bismuth salts, hypophosphites, citrates and scale preparations.

WEE-KURA, LTD., have a varied display, on popular lines, of their head and nerve powders, foot pads, Purepine and so forth.



A. BOAKE, ROBERTS & CO., LTD.



THOMAS TYRER & CO., LTD.

The main idea in the stand of WHIFFEN & SONS, LTD., is to show, on one side, Empire products, and, on the other side, materials from foreign sources. In some cases crude drugs are displayed together with their appropriate alkaloids. Gelozone, which is stated to possess nearly four times the gelatinising power of gelatin, is manufactured by Messrs. Whiffen entirely from carrageen, and occupies a prominent position on the stand. Stannic preparations are shown also together with samples of methyl stannic iodide, methyl stannic lactate and stannic sulpho iodide. British bromides and vermilion, the latter in four shades, are also well displayed. Particular interest attaches to kurchi bark, which is shown along with the hydrochloride, sulphate and phosphate of the crystallisable alkaloid kurchine. The double salt of bismuth and iodine with kurchine is being prepared, and also the bismuth iodide of the total alkaloids from kurchi bark.

WILLIAMS (HOUNSLOW), LTD., have a striking display of aniline dyes, in crystal and in powder, comprising colours soluble in water, spirit, oil, wax, benzene, naphtha, cellulose lacquer, acetone, etc., and suitable for every commercial purpose. Among these dyes is a range of harmless colours for all classes of confectionery. In this department this firm claims to be the oldest-established manufacturers of foodstuff colours. The laws governing the use of dyestuffs in food vary in different countries, and Messrs. Williams have given this question special study.

Other exhibitors in this section include:—BRITISH INDUSTRIAL SOLVENTS, LTD. (acetic acid, isopropyl alcohol, paraldehyde, etc.); SPENCER CHAPMAN & MESSEL, LTD. (sulphur trioxide, oleum, sulphuric and other acids); SHAWINGAN, LTD. (acetic acid, paraldehyde, etc.); UNION JACK PASTE Co. (paste and "Forget-me-not" ointment).

Toilet Preparations and Requisites

Addis & Son have, as usual, a comprehensive display of tooth-brushes and nail-brushes. In addition to bone and celluloid, some of the tooth brushes have handles in art colours, while as regards the nail, special attention should be directed to those with backs of "moulded" material. The colourings and amount of bristle in these makes them unusually attractive.

ALLWOOD BROTHERS, the well-known carnation specialists, are showing toilet products incorporating this delightful perfume.

THE ANZORA PERFUMERY CO., LTD., inform us that they have introduced a new brillantime, but pride of place is still maintained by their well-known Anzora and Anzora viola.

ARRIDGE, LANGMEAD & CO., LTD., have an attractively arranged display in which prominence is given to their Egg-wash shampoo powders, Harvest Moon toilet preparations and Beautipuffs. The last-named are remarkably inexpensive and packed in boxes of three dozen, the intention being to encourage ladies to use a new one far more frequently than is the habit among many of the fair sex at the present time.

BAYLEY & Co. are specialists in the production of toilet articles for men, and the *pièce de résistance* of the display is a combination package of a Chubby shaving stick and a Wardonia safety razor with two blades. This, it is important to note, is not a selling stunt such as two articles for the price of one, as the retail price is 2s. 6d. Bath tablets of soap weighing 1 lb. each, smokers' dentifrice, to mention but two, are among a number of other interesting lines on a stand which shows perfumery products as essential to the sterner as to the gentler sex. To emphasise that the firm is an old-established one a ledger opened at the year 1825 shows that King George IV appreciated the quality of Messrs. Bayley's preparations.

ARTHUR BERTON, LTD., have a good display of sponge bags, holdalls, companion sets, beach bags, camera cases and powder puffs.

A. BOURJOIS ET C^{IE}, LTD., have devoted the major portion of their stand to a display of shampoos and soaps. The latter include this product in the form of bath tablets, toilet tablets and shaving sticks, special prominence being given to the "Ashes" and Soir de Paris varieties.

T. F. BRISTOW & Co., LTD., have given pride of place to their English Wallflower series of toilet products, and the manner in which these articles are presented goes a long way in explaining the popularity which they have achieved. The quality of the preparations is in keeping with the company's high reputation. Other lines displayed include the Floralium series, medicated soap, brillantime and a new hand cream.

H. BRONNLEY & Co., LTD., emphasise that quality is their first consideration, which recalls that their slogan is Toiletries of Quality. All their well-known lines, such as Ess Viotto and preparations for the bath, are on view, but reference must also be made to the Colossal bath tablets (14 oz. each) in boxes of three and to the Pine series of soap, shampoos, etc. The Lemon cream has now been renamed as Bronnley's cream.

COLGATE-PALMOLIVE-PRETT, LTD., have a well-arranged display of Palmolive soap, shaving sticks and shampoo powders in the Canadian Section, which is part of the Empire Marketing Board collective exhibit.

CORFIELD, LTD., have a varied display of metal containers, those of chief interest to our readers being the compact powder boxes, tablet tins and shaving-stick holders; in addition, a large range of aluminium and other ware is shown.

CUSSENS, SONS & Co., LTD., have in a way staged an exhibition within an exhibition. The exterior of the stand is impressive, while the interior is divided into a series of bays for the display of the various styles or sections of their soap and perfumery products, e.g., lavender soaps, Jean Ravon perfumes, talcums and so forth. The aim of the company is to give the best possible quality at the lowest possible price, and chemists particularly those suffering from the competition of stores and drapers, should not overlook the remarkable value which Messrs. Cussens offer, of which another example is the soap dentifrice in reselite cases.

THE DUBARRY PERFUMERY CO., LTD., demonstrate in a most effective manner that it is unnecessary to go outside the Fair to find toilet requisites equal to any produced on the Continent or in America, and perhaps there could be no better instance of this than the Powdrettes in permagold and platincid—inexpensive, but excellent in material and workmanship. The same applies in other directions: for example, the manicure set recently

described in the *C. & D.*: the Orange night cream and lemon cleansing cream in pots resembling the fruits. Among the newer perfumes are Arcadie and La Milo, while an interesting departure concerns lip sticks. Ladies often want to match a dress or to try the colour of a lip stick before they purchase it, so Messrs. Dubarry have overcome these difficulties by packing seven sample sticks in a box so that the possessor of such an outfit is thus equipped for every occasion. Other interesting lines are the eau de Cologne series of gift sets, sportsmen's sets, and the lavender diffuser in the form of a Georgian spice box, also recently described and illustrated in the *C. & D.*

FAUDELS, LTD., have a display of perfumery and toilet requisites, including compressed bath cubes, a product in the manufacture of which they are experts. The cubes are nicely wrapped in greaseproof paper and also transparent tissue; they are pleasantly and adequately perfumed, firm yet easily soluble. Art pottery filled with bath salts and inexpensive eau de Cologne and lavender water are other notable lines.

THE FENTON MANUFACTURING CO. have an attractive exhibit in which is displayed a wide range of holdalls in a variety of designs. Two stands of handkerchief puffs catch the visitor's eye on account of their delicate finish and colour, while in cases are displayed lavender novelties, back puffs, velour and wool puffs and face cloths.

THE FLOROGEN WORKS (F. C. GODDARD) have an attractive display including perfumes, creams, smelling salts, bath crystals, hair preparations and brilliantines.

JENKINS PRODUCTIONS, LTD., have on view one of the most interesting innovations in this section of the Fair, namely, the Kavor self-rotating tooth-brush. This apparatus, which can be fitted on to any tap, comprises essentially a connector, a flexible tube, and a small brush. The latter (approximately the size of a 3vj. cork) is caused to rotate by the pressure of the water, which also regulates the speed. The flow of water out of the tap is not in any way affected. Spare brushes are available and are inexpensive.

ROBERT KELLY & SONS, LTD., are offering safety razors of the double-edge blade type in ivory and in bakelite. The instrument (the Kelson) is well finished, and advantage has been taken of the delightful colourings obtainable in plastic mouldings to produce some highly attractive specimens. Blades are supplied by the company under the names of Kelson and Two Dee.

G. B. KENT & SONS, LTD., are showing an excellent selection of toilet brushes for various purposes. Our attention was drawn to some shaving brushes and nail brushes provided with Messrs. Kent's non-splittable composition, which takes a high polish, adding much to the general appearance of these goods.

KIRBY, BEARD & CO., LTD., have a wide range of products on their stand, which includes the new Kirby-grip hair pin and the Kirby-Beard safety razor blade. Other products on view include travelling companions, gift stationery, safety pins and rubberised cotton goods.

LECTRA-RAY PRODUCTS, LTD., have placed a giant model of their popular powder sifter in the forefront of their stand, and this is flanked by examples of the company's other specialities, such as electric combs, brushes, hair wavers and illuminated hand-bag mirrors.

MAKTOR SAFETY RAZOR CO., LTD., are the manufacturers of a safety razor of unique design—the head-piece and blade is triangular, thus it has three cutting edges. Adequate protection from incisions by the corners has been provided, and it is claimed that a shave by this instrument is comparable with that obtained by a "cut-throat" razor—without the corresponding risks.

CHARLES MIDGLEY, LTD., will undoubtedly enhance their reputation as soap-makers following their display. They are showing a wide range of toilet and other specialities, but special attention must be directed to their soap fruits, a branch of the industry hitherto, we believe, a monopoly of overseas manufacturers. The peaches, apples and pears are especially convincing. Other novelties take the form of Easter eggs, several of which have already been described in the *C. & D.* The Iceptic shaving stick in a bakelite case and the germicidal soap are among other lines which deserve

mention; the former has a menthol core as a cooling agent, while the latter contains mercuric iodide, and so can only be sold by chemists.

W. J. MYATT & CO., LTD., are not only maintaining their established models of safety razors, but have introduced a new outfit which has some noteworthy improvements in design. The case is of bakelite, the centre of the base being shaped to hold the surplus blades. The lid of this inner box is recessed to hold the handle of the razor, while to prevent rattle when the case is closed (a "defect" with several safety razor outfits) a spring is inserted in the handle. The arrangement shows considerable attention to details on the part of the manufacturers, and in this way they have provided retailers with a number of selling points.

PEROX, LTD., are the makers of a peroxide tooth paste the sale of which is confined to chemists. This dentifrice is called super (as distinct from another peroxide paste made by the company), and retails at a popular price. Magnesia dental cream is a third variety made by Messrs. Perox, who also specialise in "own name" packs of tooth paste for home and export trade.

THE PHIL-SANO CO., LTD., are showing a number of lines of interest to chemists, and among these may be mentioned Jackels cream, Coates tooth-brushes, Saxtonia shaving cream and Phil-Sano soaps. A notable development in shaving stick containers is also on view. This is fitted with the Rydens' non-return plunger



THE RYDENS SHAVING STICK CONTAINER

While the manufacturers (Rydens Container Co.) do not, of course, claim to be the originators of the non-return push-up idea, they have succeeded in overcoming the defects of the old devices of this kind. There is not the slightest tendency to rock, slip back, overturn, or lie askew; this design of plunger functions perfectly in bakelite containers of their design, and it has the special merit of permitting the whole of the shaving-stick to be used up. Messrs. Phil-Sano are also making a display of "Winning Colours" home dyes, for which there should be a good demand with the advent of spring.

POTTER & MOORE, LTD., who have a world-wide reputation for their Mitcham lavender products, have in recent years extended their range of perfumery preparations, so that their stand, though not so large as in some instances, is replete with articles which bear an air of refinement in keeping with the company's reputation. The exhibit is again a proof that British perfumers are equal to any of their overseas competitors. Instances of this are the outfit containing cleansing cream and antiseptic tissues, and the powder-cream contained in dainty mirror-fitted jars. Among a number of other lines of interest to chemists are Blue Ribbon Colognes and liquid bath salts.

ROBERTS & SHEPPEY have a neat display of Mel Rose tablets and Mel Rose cream, toilet lines which have long been household words over a wide area.

A. SIMPSON is a specialist in superfine badger shaving brushes, and it would be difficult to arrange a



CUSSENS, SONS & CO., LTD.

more comprehensive and at the same time attractive exhibit than has been done. Confined to this one line, with a centre-piece of badgers, the display has, we were informed, already proved highly effective from a business point of view, and further evidence of this occurred during our visit. The quality of the brushes leaves nothing to be desired, and they can be supplied in handles of almost any material desired.

SOLPORT BROTHERS, LTD., were showing a great number of very interesting new lines in the fancy goods

section. Among the most important items were extra large Watersprite face cloths, which are in addition to the established single- and double-sided numbers in their standard size. Their already large range of waterproof sponge bags, toilet holdalls and travelling companions has been considerably augmented and now comprises lines for all classes of trade. The company's Nerissa powder puffs are almost bewildering in their variety, and the range of handkerchief puffs is worthy of special mention. Messrs. Solport Brothers informed us that

they have greatly enlarged their plant for the manufacture of flat wool, flat velours and compact puffs, and they invite inquiries for large contracts. Portia corn plasters, Portia non-flam. and fabric eye shades, Kute wrist supports, Easifix finger stalls, manicure goods, hot water bottle covers, Loofah and Turco bath gloves and straps were other well-known lines in this attractive exhibit. A multitude of other toilet requisites and druggists' sundries completed the best display yet shown in the company's five consecutive appearances at the Fair.

SPENCER BROTHERS, who are manufacturers of powder puffs of every description, have arranged a dainty display of their creations, and buyers in search of something out of the ordinary will find it on this stand, especially in the floral lavender sachets.

THOMAS WARD & SONS, LTD., are showing, as part of their usual comprehensive exhibit, a new combination of Chubby shaving block and Wardonia safety razor (in conjunction with Bayley & Co.); the outfit includes blades and is packed in a neat carton. The razor is made of bakelite with the exception of the metal top; it can be dipped in boiling water and used immediately without burning the face or fingers, while the patented guard has sloping serrations which bend the hair sideways before cutting. The display includes also cutlery, Wardonia razors and blades.

WILLIAMSON BROTHERS, LTD., in calling our attention to their range of powder puffs in swansdown, velour and wool, mentioned in regard to the last-named that they had an English source of supply for their raw material. On comparing their new product with that of foreign material, it was quite evident that the all-British product was the superior. An unusual method of packing this type of puff has been adopted by Messrs. Williamson: it takes the form of a cylinder of transparent material and holds a certain number of puffs. Among the advantages of this to the retailer are that the cost of individual wrapping is eliminated, the puffs are kept unsoiled, they can be conveniently stored, and the customer can select at once the colour she desires.

Among other exhibitors in this section are:—THE BATHES DRUG STORES (Devonshire violets perfume); THE BRITISH HANOVIA QUARTZ LAMP CO., LTD. (artificial sunlight lamps); THE BRITON BRUSH CO., LTD. (brushware); COOPER & SONS (SHEFFIELD), LTD. (safety razors and safety razor blades); H. F. DALTREY & CO., LTD. (toilet brush cases, etc.); DRUGGISTS' SPECIALITIES, LTD. (perfumery products); THE GENERAL ELECTRIC CO., LTD. (lamps); HINDES, LTD. (body friction brushes); DANIEL HONE (toilet holdalls and sponge bags); R. HOVENDEN & SONS, LTD. (toilet requisites); JAMES NEILL & CO. (SHEFFIELD), LTD. (Eclipse safety razor blades); SORBO RUBBER SPONGE PRODUCTS, LTD.; SANPLEX, LTD. (safety razor blades); TITTERTON & HOWARD (1930), LTD. (brushes); THE WAFER RAZOR CO., LTD. (safety razor blades); R. F. WHITE & CO., LTD. (soap and perfumery); THE WILKINSON SWORD CO., LTD. (safety razors).

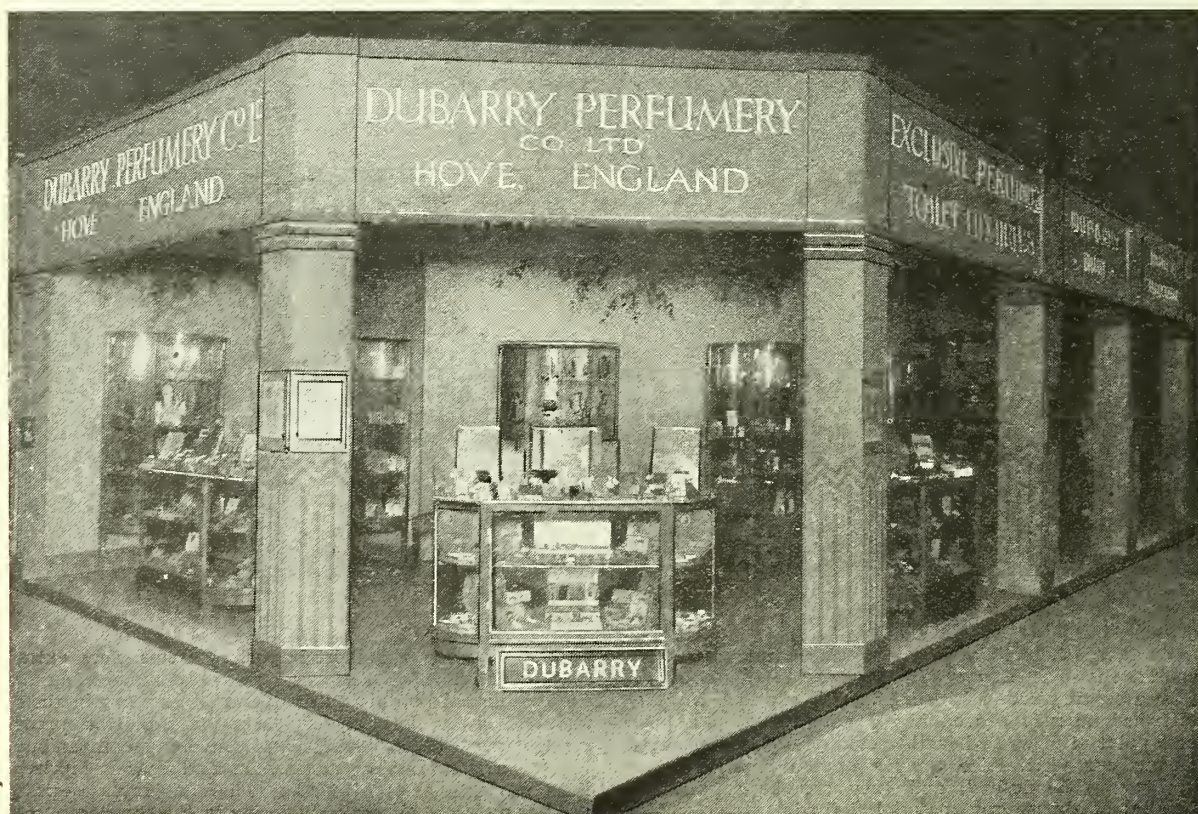
Miscellaneous

BLACKMORE, HOWARD & METHERELL, LTD., have a striking display of compact powder boxes, lipstick cases and similar adjuncts of the toilet table in various materials and styles, all having in common the highest degree of finish.

THE CHEMIST AND DRUGGIST makes its appearance this year at Stand B 70, where specimens of the series of C. & D. books and other publications are on view, and the representatives in charge welcome home or overseas visitors. Telephone: Shepherd's Bush 4157.

THE CLAROCIT CO., LTD., give demonstrations of the practical application of Clarocit, a preparation for preventing condensation on glass and preventing rain from adhering to motor windscreens.

THE CORRUGATED PACKING MATERIALS CO., LTD., show a range of corrugated papers, boxes, cartons, tubes and cut pieces, toilet rolls, gummed paper tapes and waterproof papers.



THE DUBARRY PERFUMERY CO., LTD.



A. BOURJOIS ET CIE, LTD.

Automatic vending machines and special coin testing mechanism are offered by HARPER AUTOMATIC MACHINE MANUFACTURING CO., LTD.

J. G. INGRAM & SON, LTD., who have been making rubber products for over eighty years, have a fine display, including many items of interest to the drug trade, including air cushions, hot water bottles, syringes, teats, tubing and bed sheeting.

SAMUEL JONES & CO., LTD., are making a feature of the "lightning labeller," an efficient piece of apparatus, the name of which describes its use. The gummed tapes and sealing machines for which the company is well known are also on view at the stand.

PHILIP JOSEPHS & SONS, LTD., have on view a useful selection of their up-to-date showcases and accessories, ranging from the small case for counter display up to the full-sized wall case or "island" case. It may be added, as a reminder to visitors who fail to consult the addenda and corrections to the official catalogue, that the number of this stand is D 137D.

THE KAPUTINE GENERAL SYNDICATE, LTD., have a comprehensive display of cosmetics, toilet preparations, carded drugs, ointments and creams; Kaputine headache cure is also featured.

LANG, CLAYDEN, LTD., show the Langapres, a new advertising machine which is specially adapted for overprinting. It is stated that a speed of 600 to 700 copies per hour can be maintained without fatigue; while not waiting to check this statement, our representative was certainly impressed by the speed with which work was being turned out on the stand. The machine is portable.

THE METAL BOX CO., LTD., have a composite exhibit relating to the various articles manufactured by the following associated companies:—F. Atkins & Co., Ltd., Barclay & Fry, Ltd., Edward C. Barlow & Sons, Ltd., British Can Co., Ltd., The British Sure Seal Co., Ltd., Excel Canister Co., Ltd., E. T. Gee & Sons, Ltd., Henry Grant, Boutle & Co., Ltd., I. A. Hodgson & Co., Ltd., and G. H. Williamson & Sons, Ltd. This comprehensive exhibit is of interest to all industries concerned with the

packing of goods, and includes a special display of chemists' containers. Our representative was shown a container fitted with the "G" patent screw cap, a closure which is simple in operation yet remarkably efficient. The exhibit includes also metal boxes, tins for the canning industry, cardboard folding boxes, printing, account books and stationery.

THE NATIONAL GLASS INDUSTRY have an exceptionally fine exhibit of laboratory glassware, ranging from simple measuring apparatus to complicated condensers, perforators, absorption bulbs, vacuum flasks, and so forth. The sailor's ship in the bottle is totally eclipsed by several of the interesting exhibits of workmanship displayed on this stand.

JAMES POWELL & SONS (WHITEFRIARS), LTD., have a particularly attractive display of glassware.

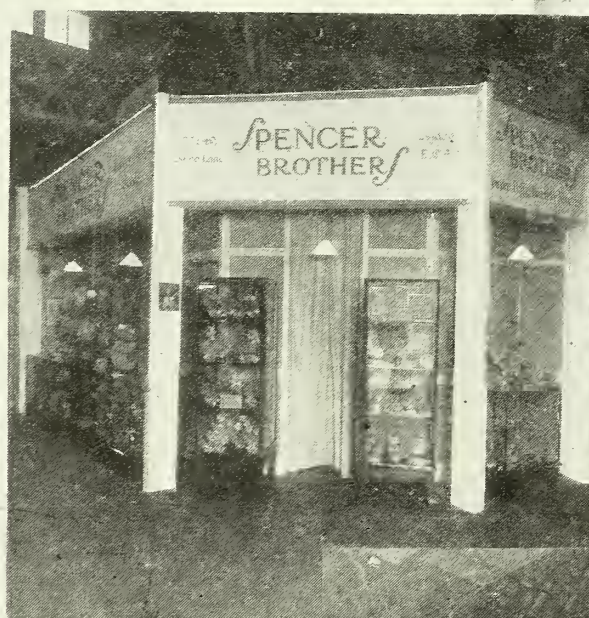
RELIANCE RUBBER CO., LTD., have an attractive display, including bathing caps, sponge bags, hot-water bottles and surgical rubberware.

The exhibit of ROBINSON & SONS, LTD., includes a wide range of round, square, oval and folding cardboard boxes, those for chemists having the most prominent position on the stand.

RONEO, LTD., are showing a selection of their office equipment, which in these days of systematised methods is in increasing demand. Duplicators, addressing machines, filing systems, and the other desiderata of the modern office are on view at the stand, with explanation of their working.

RUBBER GROWERS' ASSOCIATION (INC.) have one of the most attractive stands in the exhibition. Colour, of course, predominates, and the display includes such chemists' sundries as rubber bath mats, rubber nail-brushes, rubber sponges, hot water bottles and sponge bags.

SOZOL (1924), LTD., display Oteg, an egg-preservative supplied in sealed tins with instructions for use. It is stated that a quart seals over 1,000 eggs. Advertising matter is issued by the company in readiness for the preserving season due at an early date.



CHARLES MIDGLEY, LTD.

THE ANZORA PERFUMERY CO., LTD.

SPENCER BROTHERS

MR. A. SIMPSON

THE VISCOSE DEVELOPMENT CO., LTD., show Viskaps and Viskrings for sealing bottles and like containers; these can be supplied transparent, opaque, coloured or printed, either wet or dry. An interesting machine for applying caps and rings was seen in operation.

OPTICAL, photographic and scientific instrument makers were well represented, and those interested in apparatus of this nature should visit the following stands:—A. ADAMS & CO., LTD. (photographic); BARR & STROUD, LTD. (binoculars); R. & J. BECK, LTD. (optical); CHANCE BROTHERS & CO., LTD. (optical and scientific glassware); ELLIS OPTICAL CO.; ENSIGN, LTD. (photographic apparatus, including a new folding camera, the Auto-speed, with a focal plane shutter); GOWLANDS, LTD. (ophthalmic instruments); NEWMAN & GUARDIA, LTD. (cameras); UNITED KINGDOM OPTICAL CO., LTD. (ophthalmic lenses); WILLIAM WEBB, LTD. (balances and scales).

A feature of this year's Fair is the large number of firms exhibiting moulded products. Plastic materials, with their endless variety of designs and colours and their lasting qualities, are finding application in a great many industries. Among the moulded articles of interest to chemists seen at the Fair are included bottle caps, display stands, powder bowls, cameras, beakers, flask cups, bathroom fittings, cream pots, and an endless variety of fancy goods. The following firms are among these engaged in the manufacture of plastic materials, plastic mouldings, or both:—BAKELITE, LTD., BEATL SALES, LTD., BEETLE PRODUCTS CO., LTD., BIRKBY, LTD., BRITISH CELANESE, LTD., THE BRITISH XYLONITE CO., LTD., THE BROWNIE WIRELESS CO. OF GREAT BRITAIN, LTD., CROYDON MOULDITE, LTD., FRASER & GLASS, F. A. HUGHES & CO., LTD., INSULATORS, LTD., KELACOMA, LTD., LORIVAL MANUFACTURING CO. (1921), LTD., RANTON & CO., LTD., ROCKHARD RESINS, LTD., ST. ALBANS MOULDING CO., LTD., SOLIDITE & SYNTHETIC MOULDINGS, LTD., and the STREETLY MANUFACTURING CO., LTD.

Manufacturers of signs (electric and otherwise), showcards and every variety of lettering and advertising adjunct are present in greater number than we remember to have seen in previous years. Among the principal houses exhibiting are:—A. D. MODELS (advertising models); ALLAN MANUFACTURING CO., LTD. (day and night advertising signs letters); ATTRACTA ELECTRICAL CO. (electrical signs and display novelties); THE CALDICOT TIN STAMPING WORKS, LTD. (plain and decorated tin boxes, advertising tablets); THE ECONASIGN CO., LTD. (outfit for printing showcards and tickets); FRANCO-BRITISH ELECTRIC CO., LTD. (electric signs); K. F. M. ENGINEERING CO., LTD. (electric signs and accessories); LAMITE SIGNS HOME MANUFACTURING CO., LTD. (moving signs); MARATHON, LTD. (Runsyne advertising machines); MIRROSIGN CO. (electric display signs); MULTIPLEX ADVERTISING CO. (advertising machines); NASH & HULL, LTD. (wood, metal and glass signs); PARTRIDGE & LOVE, LTD. (showcards, posters); WILLIAM SESSIONS, LTD. (showcards, business stationery); THE SHOWCARD SPECIALISTS; SIGN MANUFACTURING CO., LTD.; STRAND & INTERCHANGEABLE SIGNS, LTD. (electric signs).

Office-equipment and business-stationery manufacturers are present this year in strong force. Among these may be mentioned:—BUSINESS ACCOUNT BOOKS, LTD. (All-in-one" book-keeping system); ELLAMS DUPLICATOR CO., LTD. (duplicators); FISHER, CLARK & CO., LTD. (labels and tickets); GRANTS OFFICE EQUIPMENTS; MILLINGTON & SONS, LTD. (account books, labels, tickets); MOORE'S MODERN METHODS, LTD. (card indexes, office stationery); NORMAN & HILL, LTD. (business stationery); WILLIAM SINCLAIR & SONS (STATIONERS), LTD. (business stationery); THE STANDARD CHECK BOOK CO., LTD. (check and receipt books); TOLLIT & HARVEY, LTD. (business stationery); THE TUCKER MANUFACTURING CO., LTD. (paper fasteners, clips and tickets); F. WILSON & CO. (calendars, etc.).

Among other stands worth a visit are those of:—ASSOCIATION OF BRITISH CHEMICAL MANUFACTURERS; BAIRD & TATLOCK (LONDON), LTD. (chemical apparatus); BELLCHAMBERS GLASS BOTTLE CO., LTD. (bottles for perfumery and general purposes); BEMAX SALES, LTD. (Bemax and Bemax chocolate); THE "BERKEFELD" FILTER CO. (BRITISH); THE BRITISH XYLONITE CO., LTD.

(goods in xylonite, casein, bexoid and bexite); CADBURY BROTHERS, LTD. (chocolate and cocoa); A. S. CARTWRIGHT, LTD. (soothers, vanity boxes); CASCELLOID, LTD. (every class of celluloid articles); P. B. COW & CO. (sports and rubber goods of several kinds); DENNIS & WEBB, LTD. (seals and rubber stamps); THE DOWSING RADIANT HEAT CO., LTD. (electro-medical apparatus and electric heating); THE DRAYTON PAPER WORKS, LTD. (toilet rolls); EMBOSS-IT CO., LTD. (showcard machines); THE EVER READY CO. (GREAT BRITAIN), LTD. (flash-lamps, dry cells and batteries); T. B. FORD, LTD. (filter-papers, cellulose, inks); A. D. HARRIS, LTD. (advertising tapes); THE IMPERIAL TYPEWRITER CO., LTD.; LINDLEY JONES & BROTHER, LTD. (publications for the export trade); N. C. JOSEPH, LTD. (aluminium ware); MANSELL, HUNT, CATTY & CO., LTD. (bottle-caps, embossed seals); ORANGE-CRUSH CO. (LONDON), LTD. (fruit extracts and syrups); P. P. PAYNE & SONS, LTD. (advertising tapes); PERIODICAL, TRADE PRESS, & WEEKLY NEWSPAPER PROPRIETORS' ASSOCIATION, LTD. (collective exhibit representing over 500 publications); F. T. PILLIVANT, LTD. (card-board boxes); THE PNEUMATIC RUBBER STAMP CO., LTD.; SPARKLETS, LTD. (Sparklet syphons and bulbs and other Sparklet type apparatus); THE THERMAL SYNDICATE, LTD. (vitreosil laboratory ware); THERMEGA, LTD. (electric heating blankets and pads); THERMOS (1925), LTD. (vacuum flasks); VIROL, LTD.; WILLIAM WARNE & CO., LTD. (rubber goods for medical use, mats, etc.); WARWICKS TIME STAMP CO. (time recording instruments).

The Textiles Section

THE British Textiles Exhibition of the British Industries Fair is located at the White City, Shepherd's Bush, London, W.12. For the first time the British textile industries are taking part in the Fair as a single group, having combined to produce what is perhaps the most comprehensive display of textile products that has ever been assembled. There are several exhibits of interest to the drug trade. SOUTHALL BROS. & BARCLAY, LTD., have an attractive stand which is backed by a coloured view of a typical cotton field. At the front of the stand is an interesting model loom representing more than 800 looms making surgical cloths at Charford Mills. A special display of the recently introduced Cotton Pod cartons (illustrated in the *C. & D.* of January 23) is flanked by two masses of cotton-wool. Visitors are displaying great interest in a giant roll of surgical gauze, which is stated to contain 40,000 yards. Cases of Southall's towels and specialities, cellulose wadding in rolls and a preserved cotton plant complete the exhibit. At the stand of the MANCHESTER CHAMBER OF COMMERCE TESTING HOUSE may be seen a display of surgical dressings representative of appliances examined on behalf of insurance committees; the dressings include samples of cotton-wool, boric lint and gauzes. ARTHUR BERTON, LTD., show a wide range of rubber-proofed textile goods, including sponge bags, holdalls and companion sets. EDWARD MACBEAN & CO., LTD., display surgical silks.

RIDLEY'S ALMANAC.—T. Ridley & Son (Chemists), Ltd., Carlisle and Wigton, have sent us a copy of the thirty-ninth issue of Ridley's Almanac. Besides acting as a comprehensive price list, the almanac contains much useful information of a general nature.

THE BENCH AND THE MEDICAL PROFESSION.—The Recorder of the City of London (Sir Ernest Wild) made some incidental remarks on medical men at the recent Old Bailey trial of Rupert C. H. Ensor, described as an unregistered medical practitioner, who was acquitted of a charge of obtaining sums of money by false pretences with intent to defraud. The medical profession, said Sir Ernest Wild, had no monopoly of the healing art. It could not merely say "Quack!" to a man, and rule him out of the pale of the healing universe. It might like to do so, but it must not and could not. There were plenty of unqualified men who had survived with great success the dislike of the medical profession. There were osteopaths and others who professed the healing art in various directions who had as perfect a right to treat patients as any qualified doctor, so long as the public knew with whom they were dealing.

Trade Notes

TARCOLENE is a hand cleaning paste made by R. S. Clare & Co., Ltd., Stanhope Street, Liverpool.

JOHN TYE & SON, LTD., 457 Caledonian Road, London, N.7, specialise in the manufacture of ampoules and capsules (bulk or packed) for wholesale and export.

AMMONIA packed for household and toilet purposes is being offered at a competitive price by Thornton & Ross, Ltd., manufacturing chemists, Milnsbridge, Huddersfield.

OLEO-RESIN OF PYRETHRUM, one of the chief ingredients of several of the popular insecticides now on the market, is offered by S.F.P.A. Gattefossé, 15 rue Constant, Lyon, France.

EDWARDS HARLENE, LTD., 20 Lamb's Conduit Street, London, W.C., announce that the extensive advertising campaign lately undertaken in connection with their toilet preparations is to be continued.

THE reduced retail price of Monsol toilet soap comes into force on March 1. Monsol brand products are obtainable through the usual wholesale channels or from Monsol Distributing Agency, Abbey House, Westminster, London, S.W.1.

A NEW LINE.—The Lincoln & Midland Counties Drug Co., Ltd., Park Street, Lincoln, are introducing Clarke's Blood Mixture in tablet form. Further details and the company's revised terms for all their preparations are given in the advertisement pages.

DUDLEY & CO., LTD., 451 Holloway Road, London, N.7, have issued a new list (No. C.D. 1313) of spring posters, showcards and tickets. This list will be sent free to any of our readers upon application. Another of the company's lists of interest to chemists is No. 1318.

ORANGE QUININE POWDERS.—Milner & Coke, Ltd., 11 John Penn Street, London, S.E.13, have drawn our attention to their Greenwich Orange Quinine Tonic Powders, which contain one grain of quinine in each. The powders are nicely packed, and a striking showcard is available.

NEW SEASON NORWEGIAN COD-LIVER OIL.—Freudentheil, Smith & Co., 21 Mincing Lane, London, E.C.3, have sent us a sample of the new season's Lofoten medicinal cod-liver oil manufactured by Brødr Aarsæther, A/S, Aalesund, Norway. We find the oil to be of good pale quality and quite up to their usual high standard.

BARRETT PROPRIETARIES, LTD., manufacturing chemists, Blackburn, have appointed Mr. J. V. Lee, 261 Darley Avenue, Chorlton-cum-Hardy, Manchester, as their representative in the Midlands and North Wales; and Mr. C. W. Booth, 22 Inverness Terrace, Hyde Park, London, W.2, in the North London district.

WHITAKER & CO. (KENDAL), LTD., Kendal, are sending out an informative booklet which chemists will find it worth while to study. The matters dealt with include the dyes (Luton hat, Auroral and Winner) for which the company is already well known, both by the trade and the public, as well as Dyefit colour remover and Velt liquid cleaner. Any chemist who does not receive a copy of the publication in the next few days should write for one.

CHEMISTS who contemplate a visit to London often make inquiries as to where to stay. For such occasions we suggest the Bonnington and Cora Hotels. Both are situated in the West Central district (Southampton Row and Upper Woburn Place respectively), which, on account of its convenience, is largely favoured by visitors. There is the additional advantage that accommodation in this quarter is less expensive than in the West-End. These two hotels have accommodation for over 500 guests, and the charges are moderate; both are under the same management.

FORD, SHAPLAND & CO., LTD., Great Turnstile Street, London, W.C.1, are offering a bonus in connection with Sol-Vo toilet rolls, conditional upon the chemist giving a display of an attractive cut-out stand for a given period. In addition, they have prepared a three-colour leaflet under the heading of "Personal Hygiene," which deals with the chemist as a qualified man. An ample supply of these will be available, and whilst they should increase Sol-Vo sales, they will also benefit the chemist himself. To the retailer who is prepared to display the goods Messrs. Ford, Shapland offer to back him up with ideas and schemes at regular intervals.

SHERLEY'S SALES-AIDS.—We have previously called the attention of subscribers to the artistic showcards and other sales-aids issued by A. F. Sherley & Co., Ltd., 18 Marshalsea Road, London, S.E.1, in connection with their medicines for dogs and cats. The accompanying illustration is a highly attractive showcard which is also a reminder that the tonic and condition powders are available in three strengths. A full range of show matter will be sent carriage paid on application.



THE supply of dressings which can be guaranteed to be sterile is obviously a matter within the province of the chemist, particularly in the case of accouchement sets. It is interesting to note in this connection that Savory & Moore, Ltd., 50-52 Wigmore Street, London, W.1, have introduced a sterilised accouchement outfit free from the disadvantage of returns, at a price within the reach of the average patient. Each drum, which is hermetically sealed, contains everything normally required by the surgeon in the way of dressings, packed in the order in which they are required. Particulars as to the contents of the drums, as well as the price, are given in our advertisement pages.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1932, p. 339.

(From "The Trade Marks Journal," February 10, 1932.)

- "TRI-RAD" for chemicals (1). "FLIT" for perfumery, etc. (48). By Stanco Inc., Bayway, New Jersey, U.S.A. 528,237; 527,442. (Associated.)
- "HUNTVITA"; for veterinary medicines (2). By F. E. Hunt, 24 New Street, Wellington, Shropshire. 528,048. (Associated.)
- "KILTIX" for insecticides and disinfectants (2). By Era Chemical Co., Ltd., 32 Lime Street, London, E.C.3. 527,854.
- "FLOROS"; for liquid disinfectants (2). By Day & Emery, Ltd., 2 Everton Terrace, Liverpool. 527,300.
- "FLOTIX"; for powder insecticides for hop plants (2). By Abol, Ltd., Beltring, Paddock Wood, Kent. 528,251.
- "DONTOSIL"; for preparations for treatment of the teeth (3). By W. Mallard & Co., Ltd., 45 Mallard Street, Hackney Wick, London, E.9. 525,807.
- "CICFA"; for medicinal chemicals (3). By Capsuloids (1909), Ltd., 9 Duke Street, London, W.1. 526,268.
- "MAYDAY"; for medicines (3). By Christine Watt, 17 Roehampton Lane, London, S.W.15. 526,680.
- "ZOIN"; for goods (3) excepting skin lotions. By Society of Chemical Industry in Basle, 141-227 Klybeckstrasse, Basle, Switzerland. 527,650. (Associated.)

Marriages

MELLOWS—BURTON.—At Holy Trinity Church, Nice, France, on February 18, Frank Mellows, chemist and druggist, Pharmacie Ardoin, Boulevard Dubouchage, to Dorothy Burton.

Deaths

BALL.—At Oxford, on February 1, Mr. William Titus Ball, chemist and druggist, Chinnor, aged fifty-eight.

BINKS.—Recently, Mr. Frederick Nisbet Binks, F.I.C., for many years on the staff of Brady & Martin, Ltd., manufacturing chemists, Northumberland Road, Newcastle-upon-Tyne, aged sixty.

BROOKS.—At 6 Havelock Place, Whitby, on February 16, Mr. John Brooks, retired chemist and druggist, aged eighty-one. Mr. Brooks served his apprenticeship to the late Mr. Jacob Wood, Goodramgate, York, qualified in 1876, and commenced business in Whitby in the following year. He was a churchwarden for forty years, a Past Master of the Lion Lodge, and P.P.G.D., N. and E. Riding.

BUCKLEY.—At 50 Sheen Road, Richmond, Surrey, on February 17, Mr. George Philip Buckley, retired chemist and druggist, aged seventy-five.

DRABBLE.—At his residence, 52 Park Road, Sittingbourne, on February 10, Mr. Frederick Pearson Drabble, chemist and druggist, aged sixty. Mr. Drabble went to Sittingbourne in 1911, and after a period of management established his own pharmacy in Park Road. Last June he had a fall at Maidstone and never fully recovered from the shock.

FISHBOURNE.—At his residence, 40 Smith Street, Oldham, on February 19, Mr. James William Fishbourne, chemist and druggist, for several years senior director of J. Hulme & Co., Ltd., chemists, 132 Huddersfield Road.

GRIFFITHS.—At Lewisham, London, S.E.14, on February 9, Mr. Herbert Owen Griffiths, chemist and druggist, aged forty-six.

McKERLIE.—On February 17, Mr. John McKerlie, J.P., chemist and druggist, Thornhill, Dumfries-shire, aged fifty-nine. Mr. Thornhill served his apprenticeship at Dumfries to the late Mr. Ewing, and gained further experience in Edinburgh. Over thirty years ago he took over the pharmacy at Thornhill from the late Mr. David McNay. He was a Past Master of the St. John Lodge of Freemasons.

NALL.—At Rochdale, on February 5, Mr. Walter Nall, Ph.C., aged fifty-nine.

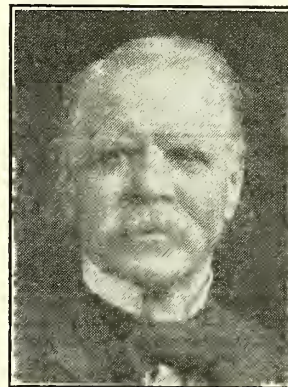
PATERSON.—At his residence, Albany Road, Douglas, Isle of Man, on February 15, Mr. Alexander Clarkson Paterson, retired chemist and druggist, aged eighty. Mr. Paterson went to the Isle of Man as an assistant to the late Mr. E. J. Bowman, and commenced business in the town on his own account about fifty years ago.

PETRIE.—At The Braes, Blairgowrie, on February 22, Mr. James D. Petrie, chemist and druggist, The Cross. Mr. Petrie, who was president of the Perthshire Pharmacists' Association, had been in business at Blairgowrie for about thirty years. He was actively associated with numerous organisations in the burgh. An accomplished amateur actor, he filled several rôles in local Gilbert and Sullivan productions. He served on the committee of the mechanics' institute, and for some time was a member of the photographic association and literary society. Mr. Petrie is survived by a widow.

SMITH.—At 25 Merrion Square, Dublin, on February 16, Mr. Walter George Smith, M.D., ex-president of the Royal College of Physicians of Ireland, son of the late

Aquilla Smith, M.D., aged eighty-seven. Dr. Smith's father was the first vice-president of the Pharmaceutical Society of Ireland, and was mentioned by name in the Pharmacy Act (Ireland), 1875. He himself was one of three experts in pharmacology and therapeutics (the others being the late Dr. T. Lauder Brunton and Professor Ralph Stockman) appointed to assist in the preparation of the British Pharmacopœia, 1898.

PALMER.—At King's Langley, on February 18, suddenly, Mr. John Palmer, for fifty years a representative of S. Maw, Son & Sons, Ltd., 7-12 Aldersgate Street, London, E.C.1. Mr. Palmer completed fifty years' service with the House of Maw in 1925, and retired shortly afterwards. He represented the firm in the Midlands and part of Wales. He was courteous, kindly, business-like, with an uncompromising rectitude and an almost aggressive determination to express his thoughts with scrupulous honesty, regardless of the consequences. He was typical of the business spirit of a bygone age—an age the passing of which some regret—the worthy custodian of the dignity of pharmacy and of the House he represented. He made many staunch friends, all of whom will deeply regret his passing. They have, however, the consolation of knowing that he lived vigorously to the very end; as late as February 17 he visited his old firm and chatted as gaily as ever with his colleagues. An account of the presentation made to Mr. Palmer in celebration of his business jubilee appeared in *THE CHEMIST AND DRUGGIST*, 1925, I, 852. The funeral took place at Stoke Newington on February 22. Among those present were Miss Kate Horniblow (Llandudno), Messrs. Alec Johnson (Robert Drane, Ltd., Cardiff) and Owen Jenkins (Cardiff). Mr. W. L. Butler represented the directors of S. Maw, Son & Sons, Ltd., and Mr. A. J. Lewis the staff. Six of his old fellow workers, each of whom had completed fifty years' service with the House of Maw, were present at the graveside: Messrs. John Denton, W. L. Butler, A. J. Lewis, A. W. Musgrove, C. Jones and W. Nash. One of his former colleagues writes:—



MR. JOHN PALMER

During the war I noted with much interest a sheet of note-paper on which were the names of over twenty men fighting at the front; on inquiry he quietly told me that every week it was his "job" to write to each of them with some cheery words of comfort and hope. This gives an indication of the "big heart" contained in his active temperament. He was of a retiring disposition, but withal of a shrewd business acumen and transparent honesty which endeared him to the many friends he made in his long pilgrimage.

SMORTHWAITE.—At the residence of his brother at Croydon, on February 10, Mr. Edward Alfred Smorthwaite, retired chemist and druggist, aged sixty-six. About sixteen years ago Mr. Smorthwaite opened a pharmacy at Liphook, with a branch at Fernhurst; he retired recently.

SOWRAY.—On February 9, Mr. Walter Sowray, chemist and druggist, Bridge Street, Helmsley. Mr. Sowray qualified in 1899. He was the son of a chemist formerly in business in York, and prior to opening his pharmacy fourteen years ago was dispenser at the York County Hospital.

WEST LANG.—At "The Craggan," Ashburn Road, Heaton Norris, Stockport, on February 21, Ian, the dearly beloved and only child of Mr. Donald West Lang, Teviot Dale Pharmacy, aged six.



John Bell Hills & Lucas Ltd.

TRIAD BRAND

**EXTRACT OF MALT & COD LIVER OIL
with CHERRY PARRISH'S FOOD**

Send for sample & prices

Oxford Works, Tower Bridge Road, London, S.E.1

PARKINSONS' KILKOF

WRITE FOR SPECIAL TERMS

PARKINSONS LTD., Manufacturing Chemists, BURNLEY

'PANOPEPTON'

A FOOD FOR YOUNG AND OLD

'PANOPEPTON' is sustaining, palatable and acceptable to the most delicate stomach.

Supplied in 12 oz. bottles.

Originated and Manufactured by

FAIRCHILD BROS. & FOSTER (Inc., N.Y.)

New York and 65 Holborn Viaduct, London, E.C.1

Agents: **BURROUGHS WELLCOME & CO.**
London, Sydney, Cape Town.

CHEMISTS' FITTINGS OF EVERY DESCRIPTION. NEW AND SECONDHAND.

F. MAUND & E. BERG (SHOWCASES) LTD.,
175/9 and 336 OLD STREET, LONDON, E.C.1

Tubes and
vials of 24
Cat Units,
retail 3/6

*From Wholesalers,
or the British
Empire Agents,*

**UPSHER SMITH
DIGITALIS
TINCTURE TABLETS**

MATTHEWS LABORATORIES, LTD., CLIFTON, BRISTOL, ENG.



Let the "GEM"
make money for you

Write for particulars and
name of local agent to the
manufacturers:—

**THE GEM
AUTOMATIC WEIGHING
MACHINE COMPANY
LIMITED**
48 NEW CITY ROAD
GLASGOW, C.4

EXPORT—Buy now on favourable Exchange Rate

**EXTRA
RECTIFIED**

Write for Prices

JAS. BURROUGH Ltd. 1 Cale Distillery,
LAMBETH, S.E.11

ALCOHOL FOR PERFUMERY

G. B. KENT & SONS, LTD.

Are known the World over as
the Largest Manufacturers of

BEST BRITISH BRUSHES

Please write for full Particulars to:

75 FARRINGDON ROAD, E.C.1.

DRIED MILK

Large buyers of Full Cream, Half Cream, Separated, Milk
Sugar, Whey Powder, Soluble Milk Casein, are invited to
apply for samples and quotations, stating probable require-
ments. Eight Creameries in Dorset, Somerset and Wilts.

PRIDEAUX'S LTD. MOTCOMBE, SHAFTESBURY, DORSET

"The Chemist and Druggist" COMPACT LIBRARY

PHARMACEUTICAL FORMULAS (P.F., Vol. 1).

The tenth edition of this, the most complete phar-
maceutical formulary in the English language,
comprises (1) selected formulas from the British,
United States, and several other pharmacopœias;
(2) unofficial formulas from hospital pharmacopœias
and other sources, British, colonial and foreign;
(3) known, admitted and approved remedies (218
pages) taken from previous editions of "Pharmaceuti-
cal Formulas" and from THE CHEMIST AND DRUGGIST
Diaries; (4) concise descriptions of practical methods
of manufacture, adapted to the retail shop; (5) an
Appendix comprising laws and regulations governing
the sale of poisons, the hours of closing, medicine-
stamp duty, the use of spirits and many other data
—e.g., a solubility table and chart. The volume
contains 1146 pages. Price 15s., by post 15s. 9d.

PROVINCIAL HOSPITAL PHARMACOPŒIAS.

Uniform with the "Chemists' Dictionary," contains
296 pages and consists of formulas for medical pre-
scriptions used in twenty-two hospitals and infirmaries
in Great Britain outside the London District. Price
3s. net, by post 3s. 2d.

Published by "The Chemist and Druggist"

28 Essex Street, LONDON, W.C.2

Branch Offices: Manchester and Sheffield, England;
Glasgow, Scotland; Melbourne and Sydney,
Australia; Auckland, New Zealand.

Information Department

Postal or telephone information with respect to makers or first-
hand suppliers of the undermentioned articles will be appreciated.

- | | |
|--|---|
| O/191. British makers of per- fume sprays | S/182. Matron toilet rolls |
| E/162. Cowan's balm | N/162. Nocturne hot-water bottles |
| T/182. Lealmain liquorice sticks | T/281. Sunray bath salts |
| N/242. Lion plasters | W/232. Talbot's (or Trifloat's) Duplex asthma and bronchitis cure |
| K/132. Malacar | |

THE CHEMIST AND DRUGGIST

VOL. CXVI FEBRUARY 27, 1932 NO. 2716

Economy

WE are well advanced in what may prove to be the most momentous year in our national history; he would be a wise and far-seeing man who could tell us what that year will bring forth. Amid much that is problematical, one thing is certain. This year will have to be a year of economy, from the poorest to the richest in the land. In the first three months of 1932 demands for income tax are being met to an extent that in one respect is without precedent. How will these affect business, and particularly the business of the chemist? It does not require much of the gift of prophecy to say that luxuries will have to be cut down rigidly; what spare money is available after the income-tax collector has been paid will go for necessities, and then only in a restricted degree. A proportion of the goods the chemist handles are luxuries; there can be no doubt that he will find that his returns will suffer, and it will be as well for him to prepare for what may be a somewhat lean business year. It is a generally accepted fact that the average employer looks first to his staff when economies have to be effected. "Whom can I do without?" is the cry. Often workpeople are discharged who can ill be spared in any circumstances. Speaking generally, the chemist is not overstaffed; and economies, except occasionally, cannot be made this way. Indeed, to discharge useful people may often be an extravagance rather than an economy, to say nothing of the wider issue in adding to the number of the unemployed. Not to discharge assistants, but rather to widen their usefulness, is what is required—to find fresh work for them and to train them in the best methods of doing it.

The Fallacy of the Cheap Market

Another economy cry is "Buy in the cheapest market." The principle should not be overlooked, it is true; but the cheapest goods are often the dearest in the long run. Many chemists are quite content if their drugs are guaranteed as "B.P.," and they will spend money on stamps and telephone inquiries in an endeavour to buy a galenical at the very lowest price. There are no drug firms to-day that can afford to charge high prices for their goods; and it is a question whether the chemist who leaves himself in the hands of a good firm does not in the long run do better than the one who is always trying to save a few pence by running here, there and everywhere. In addition, reputable houses give a service that those selling the cheaper goods rarely give or can give. Economy in the methods of running a business should also receive attention. We have lately dealt with the necessity for watching

invoices from wholesale houses at this particular time. It is probable that there are leakages in many businesses due to faulty book-keeping, either in recording sales or purchases, or in methods of ordering and stocktaking; as we have already pointed out, dispensing can be made to pay better. There should be from time to time a general overhauling of all business methods; it is surprising what can be done when one's critical faculties are directed to a familiar method which, because it is so familiar, often escapes attention. Finally, the chemist himself should be economical in the use of his time. How many chemists to-day are packing up packets of Epsom salts with their own hands, in what they call their "spare" time? How many are doing jobs that could be done by a young girl? A chemist should use his time more profitably. Business is a strenuous calling, and a man wants every minute of his day occupied in unravelling its intricacies. Opportunities are still beckoning; in spite of much that is discouraging, pharmacy is very far from played out. It may be—we hope it will be—that this lean time now approaching will be a blessing in disguise; the very fact that the chemist has to fight for a livelihood may develop within him new strength for the task and new tenacity of purpose.

Punch's Hump

IN an amusing letter to "The British Medical Journal" of January 9, Dr. H. L. Tidy discusses the nature of Punch's hump. The difficulty from a medical point of view is that, in all probability, "Mr. Punch's prototype was a case of achondroplasia, or chondrodystrophia foetalis. His characteristics agree closely with the main features of this condition, particularly in respect of his small stature and quaint humour . . . but the thoracic spine is so straight that the back is abnormally and strikingly flat." A chance observation in a London tube train has brought Dr. Tidy to the novel conclusion that the hump is produced by the "riding up" of ill-fitting clothes when the wearer is stooping. The doctor, in fact, gives an actual instance of a straphanger whose overcoat produced the effect of a spinal deformity. His conclusion is:—

"Mr. Punch has a hump because he wears ready-made clothes. He may partly console himself with the thought that, as he has apparently had a hump from birth, his parents are largely to blame for this habit. It is regrettable that the artists who depict him rely on their imagination instead of following the true dictates of art by drawing him from life. . . . It is impossible that he can have a hump when, clothed in a skin-tight bathing suit, he leaps joyfully along the sands in blazing sunshine."

The subject is further elucidated, in the next issue of the same paper, by Drs. Hugh S. Stannus and Tom Hare. Dr. Stannus thinks that Punch shows no characteristic of achondroplasia save that he is a dwarf, and continues:—

"Again, though two types of achondroplasia are recognised—the pug-dog type, with squat nose, and the dachshund type, with long nose—in the case of the latter the nose is long but straight, rather than of Wellington type. One other characteristic is, I think, of interest. Mr. Punch shows a long, curved sweep of the jaw-line, without marked angle, a feature, I believe, to be characteristic of the face of persons with deformity following Pott's disease. . . ."

Dr. Hare enlarges the scope of the discussion by bringing in Toby, who, he says, is "a typical canine achondroplastic" in one style of portraiture, while in another he reveals "the facies of canine hyperthyroidism and the coarse limbs which doubtless he derived from his father." Toby's "catholic ancestry" is indicated with somewhat unfeeling candour; but it is comforting to read that, in any case, "Mr. Punch and Toby are of the angels."

Festivities

Southampton Dance

AN enjoyable evening was spent by members of the Southampton Chemists' Social and Athletic Club on February 4, the occasion of a whist drive and dance. Mr. Herbert Ferryman (president of the Club) made a popular M.C. Prizes were won by the following:—*Ladies*, (1) Mrs. Winser; (2) Mrs. Walsh; (3) Miss Watts. *Gentlemen*, (1) Mr. Abrahams; (2) Mr. P. Smith; (3) Mr. Shinn; (highest, first half) Mrs. Shinn and Miss Saunders (playing as gentlemen). About 150 members and friends attended the dance, for which Mr. V. H. Freemantle acted as M.C. Spot prizes were awarded to Mrs. Tupper and Mrs. Housecroft. The arrangements were in the hands of Mr. F. P. Clements (secretary) and Mr. J. Winser (assistant secretary).

Salford Annual Dinner

THE annual dinner of the Salford Pharmaceutical Association was held at the Griffin Hotel, Lower Broughton, on February 10, Mr. H. Haworth (president of the Association) in the chair. There was an excellent attendance. The loyal toast having been duly honoured, the company settled down to enjoy a good entertainment by A. Brisco (baritone), J. Monaghan (tenor), and J. Cooke (entertainer). Speeches at a Salford dinner have always been noted for their definite limitation, and those made on this occasion were "short and sweet." Dr. D. Dickson proposed the toast of "The Pharmaceutical Society," to which Mr. E. H. Simmons replied. Mr. H. Stout proposed "The Visitors," and Mr. J. Cleworth replied. At the conclusion of the function Mr. Cuttifford proposed a vote of thanks to the president, who, in reply, said he appreciated the support of all present. He thanked them, the artists, Mr. Cox (secretary) and the members of the Council for making the dinner such a success.

Medway Function

THE annual dinner and dance of the Medway Branch of the Pharmaceutical Society and Retail Pharmacists' Union was held on February 10 at Wickham's Georgian Restaurant, Maidstone. Owing to severe weather, parties from Chatham, Sittingbourne and elsewhere were unable

to attend, and numbers were considerably depleted; those who were present, however, had an enjoyable evening. Mr. C. E. V. Verrall (Marden) proposed the toast of "The Pharmaceutical Society and the Retail Pharmacists' Union," and expressed regret at the absence of Mr. A. F. Corfe (Maidstone) and Mr. J. E. French (Sittingbourne). Mr. A. E. Farrow (Old Brompton) (the immediate past-president of the Branch) replied. The visitors were welcomed by Mr. A. Crick (Maidstone); Councillor T. Armstrong, in the absence of the Mayor, replied. The chairman thanked the committee, and especially Miss F. Durrans (secretary) and Mrs. P. Smith, for the hard work they had put into the organisation of the function. Dancing followed.

Annual Dinner at Newport

THE Newport and Monmouthshire Branch of the Pharmaceutical Society held their annual dinner and dance at the Westgate Hotel, Newport, on February 18. Mr. Jared Edwards (president of the local Association), who was accompanied by Mrs. Jared Edwards, was in the chair. There was a representative gathering, which included the Mayor and the Mayoress of Newport. The chairman gave the toast of "The Pharmaceutical Society." Mr. A. R. Melhuish (president of the Society), responding, referred to the Pharmacy and Poisons Bill, and foreshadowed the possibility of dependants of insured persons being included in the National Insurance scheme. Mrs. Nyblad handed Mr. Melhuish a cheque representing the Branch's contribution to the Benevolent Fund. Mr. W. Ben Evans (past-president of the local Association) submitted the toast of "The Visitors," to which Alderman Dr. J. Lloyd Davies, J.P. (chairman of the Newport Education Committee), replied. "The Newport and Monmouthshire Branch" was given by Mr. Ivor L. Phillips, O.B.E. (clerk of the Newport Insurance Committee), who said that tests revealed a very high standard of dispensing in Newport. Mr. B. Thomas (vice-president of the Branch) responded. "Kindred Associations" were toasted by Mr. T. J. Badgett; Mr. Francis Phillips, J.P. (vice-chairman of the Retail Pharmacists' Union Executive), replied. Mr. W. H. Williams was the toastmaster. Dancing followed, with Mr. C. C. Giles as M.C. The secretary (Mr. J. C. W. Evans) was responsible for the arrangements.



[Photo]

[Day

GROUP AT THE ANNUAL DINNER OF THE NEWPORT AND MONMOUTHSHIRE BRANCH OF THE PHARMACEUTICAL SOCIETY. THE PRESIDENT OF THE PHARMACEUTICAL SOCIETY (WEARING BADGE) IN CENTRE: ON HIS RIGHT THE PRESIDENT OF THE SOCIETY (WEARING CHAIN)

North London Dance

A CARNIVAL DANCE was held on February 18 at the Gate House Hotel, Highgate, N. There was quite a large gathering, especially of the younger members of the Association. Dancing continued until midnight, with Mr. W. E. Swanston as M.C.

Manchester Juniors' Dance

THE monthly dances which are organised so successfully by the junior section of the Manchester and District Branch of the Pharmaceutical Society took the form of a Conference reunion dance and social evening at the Piccadilly Dance Salon on February 17. There was a larger attendance than at any previous dance held there this season, and everyone voted the function a success. Great credit is due to the work and organisation by the secretary (Mr. R. B. Maskell) and his committee. During an interval an opportunity was taken to make presentations to the chairman and secretaries of the various local committees who had been responsible for the arrangements of the successful Conference of last July. Each chairman and secretary was presented with a souvenir in recognition of their services during the work of the Conference. Mr. E. H. Simmons said he deeply regretted the absence of Mr. Franklin, last year's chairman of the Conference, who was in a nursing home. He expressed a wish for his speedy recovery. Mrs. Franklin had kindly come among them (and also brought her daughter), and he would ask her to hand these souvenirs to the respective ladies and gentlemen. He also much regretted the absence of Mrs. Woolley, chairman of the ladies' committee in connection with the Conference, who was unwell; they wished her a speedy recovery. Each of the following received a small silver cup on a stand: Mrs. Edwards, Mrs. Miller, Mrs. Fewster, Messrs. Dickson, Stabler, Lewis, Brindle, Goldthorpe (by deputy), Walters, Maskell, Collins, Aves. The presentation was followed by a song by Miss E. Goodman. Dancing was then resumed, and continued until "Auld Lang Syne" brought a very successful entertainment to a close. Mr. H. Steinman was an efficient M.C.

Bedfordshire Annual Dinner

ABOUT seventy people sat down to the ninth annual dinner of the Bedfordshire Branch of the Pharmaceutical Society at the George Hotel, Luton, on February 18. Mr. R. W. Noble (Bedford) presided, and among those present were the Mayor of Luton, Dr. J. W. Bone, Dr. R. E. R. Sanderson, Mr. John Humphrey (member of the Council of the Society), Mr. J. E. French (chairman of the Retail Pharmacists' Union Executive), Alderman J. H. Webb (vice-president of the Branch), and Mr. G. N. Shelton (secretary). Dr. Bone, who proposed the toast of "The Society," compared the government of the pharmacists with that of the doctors, and said the Society was the G.M.C., the B.M.A. and the medical colleges all rolled into one. Dr. Bone expressed the conviction that pharmacists were most loyal colleagues and in fight the most doughty of opponents. He congratulated them on the Codex, the most important volume in the world of chemistry. The Pharmacopœia was worn out, effete, and useless, many years behind the times even on the day of its publication. He was glad to know they were to have something better than the last Pharmacopœia. To his mind the best pharmacopœia in the world to-day was the United States Pharmacopœia. Mr. Humphrey, replying, referred to Bedfordshire's request that the Council should do something to help the registered man who could not obtain work in pharmacy. Anything they could do they would do. If the Pharmacy and Poisons Bill became law, membership of the Society would become compulsory in the case of all registered pharmacists. The position of the Society would be greatly improved, with a corresponding improvement in the status of the registered pharmacist. Those in business when the Bill passed (if it did pass) might not reap much immediate benefit, but their successors must benefit enormously, and it seemed desirable that the provisions of the Bill should be regarded from that point of view. Except in regard

to the substances that might be included in Part II of the proposed new Poisons List, the Bill had been found acceptable generally, and it should not be difficult to arrive at agreement on the one point at issue. He (the speaker) looked to the members of the Society to indicate whether or not the Bill should be accepted by the Council if and when it was reintroduced into Parliament. He thanked Dr. Bone for his appreciative reference to the British Pharmaceutical Codex, for the planning and initial production of which he (the speaker) had been responsible. Mr. Morgan proposed the toast of "The Retail Pharmacists' Union." He said the Pharmaceutical Society did a lot of useful work up to the time they left Bloomsbury Square with their certificates. After that they really failed to see what the 3s. 6d. per annum was for, and what they got for it. When they got into business on their own account it was to the R.P.U. that they looked. Regarding the Pharmacy and Poisons Bill he did not think Bedfordshire wanted it. Mr. French, responding, said they would fight to the bitter end the second part of the Bill. The toast, "The Ladies and Visitors," was submitted by Alderman Webb, and the Mayor responded. The health of the secretary was proposed by the chairman. Dancing and whist followed.

Association Meetings

Brighton.—A joint meeting of the Brighton and Hove Association of Pharmacy and the Brighton Division of the British Medical Association was held on February 11, Mr. K. J. Padwick (president of the Brighton and Hove Association of Pharmacy) in the chair. Mr. J. P. Gilmour (editor of "The Pharmaceutical Journal") addressed the gathering on *Quacks and Quackery*. Mr. Gilmour spoke of Paracelsus, the first of the quacks in the early ages, and gave quotations from his writings. Coming to those who followed him in mediæval times, the charlatans claimed ability to bring the dead to life. In modern times quackery was not so flagrant, thanks to protective legislation and educational development. In the course of his remarks, Mr. Gilmour alluded reminiscently to occasions when, as a chemist, he had come into personal contact with quacks of the type who sell their wares in the market place. After a brief discussion, the meeting concluded with a vote of thanks to the lecturer, humorously proposed by Dr. Donald Hall, and seconded by Dr. L. A. Parry.

Manchester.—A joint meeting of the Manchester Pharmaceutical Association and the local branch of the Pharmaceutical Society was held at the Houldsworth Hall on February 4, Mr. E. H. Simmons in the chair. The chairman, in introducing Mr. W. Deacon (a member of the Society's Council), said this was the second visit the lecturer had paid to Manchester. A great honour was conferred upon Mr. Deacon, as a member of the Council, in being asked to give this same lecture on *The Romance of Perfumes* before the Pharmaceutical Society at Bloomsbury Square recently (*C. & D.*, January 16, p. 62). Mr. Deacon, who received an ovation on rising to address the large audience, said it was a great pleasure to come among them once more and meet so many old friends. He had thoroughly enjoyed his visits to their great city, and he was very grateful for their hospitality during his visits. Mr. Deacon described the processes of perfumery production. These processes were shown on the screen by means of a series of perfect lantern slides. Mr. D. Dickson (president of the Manchester Pharmaceutical Association) proposed a hearty vote of thanks to Mr. Deacon. Mr. H. Haworth (president of the Salford Pharmaceutical Association) seconded, and it was carried with acclamation.

Public Pharmacists.—A meeting of the Guild of Public Pharmacists was held at 17 Bloomsbury Square, London, W.C.1, on February 17, when a lecture, illustrated by coloured photomicrographs was given by Mr. C. H. Sykes (chief pharmacist to the London Hospital) on *The Microscope as an Aid to Chemical Analysis*. Mr. Sykes gave details of microscopic tests for chemical substances.

Pharmaceutical Society of Northern Ireland

Council Meeting

THE monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland was held in the Society's rooms, Belfast, on February 19, the president (Mr. J. E. Connor) in the chair. There were present also Mr. R. I. Edwards (vice-president), Sir Thomas McMullan, Professor Small, Dr. S. E. A. Acheson, Messrs. J. C. Culbert, Fred Storey, H. Todd, J. Dundee, W. J. Hardy, W. S. Taylor, J. F. Grimes, S. Gibson, S. H. Forrest and G. W. P. McCann. Mr. David Kirkpatrick, secretary, was in attendance. Apologies for absence were read from Messrs. A. C. McBride and John Maxwell.

The PRESIDENT expressed pleasure at the return of Mr. Gibson to the Council.

Mr. GIBSON, in acknowledgment, said he was touched by the kindness shown him.

GREETINGS

The secretary reported the receipt of greetings from the president and Council of the Pharmaceutical Society of New South Wales, the president and members of the Pharmacy Board of New South Wales, and the registrar of the Pharmacy Board of New South Wales.

EDUCATION COMMITTEE

The Education Committee recommended that the certificate of apprentice to a pharmaceutical chemist be granted to the following candidates, who submitted certificates from the undermentioned authorities:—

Matriculation, Queen's University, Belfast.—Joshua K. Millar, 165 Ulsterville Avenue, Belfast.

Preliminary, Royal College of Physicians and Surgeons, Dublin.—Edward C. Steenson, Carricklee, Strabane, co. Tyrone; Nessa N. Dundee, 91 Malone Road, Belfast.

Junior Certificate, Ministry of Education (N.I.).—Walter H. Simpson, Ferndale, Ballygomartin Road, Belfast; William J. Moles, 77 Bray Street, Crumlin Road, Belfast; Alexander McCartney, Donaghadee Road, Newtownards, co. Down; Eileen E. Dundee, 91 Malone Road, Belfast; William Elliott, Tildarg, Doagh, co. Antrim; William J. Beck, Church Street, Portaferry, co. Down; Robert McAuley, The Rock, Moneyslane, Banbridge; Jean E. Scott, 1 Gortmerron Terrace, Dungannon.

Draft regulations for the Assistants' examination were considered, and it was decided that they should be redrafted.

Mr. STOREY moved the adoption of the minutes, which was seconded by Mr. BADGER and agreed to.

Professor SMALL submitted alterations to the draft of the regulations for the Assistants' examination as referred to in the minutes of the committee. He said that the idea was if a man had taken the Preliminary Scientific and entered for Part II of the Final and passed in pharmacy, practical pharmacy and theoretical pharmacognosy, he could get the Assistant's certificate if he had applied for it before entering.

Mr. HARDY asked if the regulations would hurt a candidate who had passed in some subjects.

Professor SMALL said he would get credit for anything he had done.

Mr. STOREY asked if they had power to interfere with the Act of Parliament.

Professor SMALL replied that they were not interfering with it.

On the motion of Professor SMALL, seconded by Mr. BADGER, the regulations, as modified, were adopted and directed to be sent to the Home Office.

Professor SMALL, replying to Mr. STOREY, said the one syllabus did for both examinations. If a candidate went in for the Assistant without going in for the Final he had to pay £6 6s.

Mr. HARDY: That simply means you bar the whole examination.

Several members dissented.

Professor SMALL moved, and Mr. STOREY seconded: "That the resolution which insists on candidates for the Preliminary examination passing all five subjects under the same authority be rescinded, in order to allow the resolution of January 4, 1932, to become effective (with the proviso that an examination passed under two authorities shall be recognised only when the two examinations are the Junior Certificate examination and the Pharmaceutical Preliminary examination of the Queen's University of Belfast)."

In the course of discussion, Professor SMALL said it was merely to let people who went in for the Junior Grade and did not get the complete examination complete it under another authority.

Mr. HARDY: Would Queen's University not accept them for the missing subjects?

Professor SMALL replied that there was no machinery for doing so. There was for the Senior Grade. The candidate could enter for the full examination at Queen's and concentrate on the subjects he required. The fee was only £2 2s. The Society could approach the Ministry of Education to allow boys to complete the Junior Grade.

The PRESIDENT said it was now up to the Society to apply to the Ministry to permit a boy who had come down in any particular subjects in the Junior Grade to take up these subjects at a subsequent examination.

APPOINTMENT OF EXAMINERS

Mr. CULBERT moved that the Education Committee issue advertisements for the various examiners and that the appointments be made at the next meeting. Mr. DUNDEE seconded.

Mr. HARDY said they should advertise in the trade Press and not in the local Press.

Mr. FORREST moved an amendment that the old examiners be re-elected. Mr. EDWARDS seconded.

Mr. HARDY said that any examiners who had held the post for five years could not be reappointed without the sanction of the Ministry.

Mr. TAYLOR said that if they advertised and reappointed the old examiners if they applied, everyone would be satisfied.

The SECRETARY said that last year the five years were up and they applied for an extension, which was granted.

The amendment was carried, four members voting against it. The old examiners were accordingly reappointed for one year.

LAW COMMITTEE

The Law Committee reported that the question of amending the regulations was considered, and it was agreed that a subcommittee be appointed to go into this matter and report to the committee. The following members were appointed to the subcommittee:—Messrs. R. I. Edwards (vice-president), H. Todd, W. J. Hardy, J. Dundee, Fred Storey and Dr. S. E. A. Acheson.

On the motion of Mr. HARDY, seconded by Mr. EDWARDS, the report was adopted.

The PRESIDENT said that suggested amendments should be sent in as early as possible.

MEMBERS ELECTED

The following nominated candidates were elected members of the Society:—Samuel George Mackey, Overdene, Bangor Road, Newtownards; William White, Bocombra House, Portadown; Thomas Alexander King, 136 Stranmillis Road, Belfast; Harry McFarland, 5 Mounsey Road, Higher Tranmere, Birkenhead.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, February 25

INDICATIONS that the Government may add a number of products in these markets to the "free list" under the Import Duties Bill and their adoption of an amendment to the Bill to permit additions to the free list at any time after the Bill has been passed, has caused buyers to slacken off in covering their requirements; consequently, business has not been nearly so brisk this week, except, perhaps, in the essential oils market. The possibility of additions to the "free list" is making matters very difficult for importers, and some clear and definite statement as to the change of policy on the part of the Government is urgently needed. As things are, a product may be dutiable one day and a free import the next. The continued improvement in sterling is satisfactory, and further recovery is confidently anticipated. The demand for pharmaceutical chemicals has been rather poor again, except for those products which have to be imported; in these cases dealers' prices are firm and business has been good. Makers' prices for iodides show a big reduction, while the rebates for bulk quantities have been increased. Makers report an exceptional demand for bismuth salts. Business in crude drugs has been rather quieter, and has been concentrated on those products which may be liable to the import duty next week. In other directions conditions have been distinctly slack. Japanese menthol and camphor are steady but not so active. Honey continues firm. Mercury and bismuth metals are so far unchanged, the former being nominal on spot. Balsam *tolu* is firm and dearer. The essential oil market has again been the centre of considerable activity on the part of buyers, who seem to have covered their requirements for some time ahead in those products which will be liable to the 10 per cent. duty. There is not much to report in the form of price changes, but a general move to higher levels for spot quotations is anticipated next week. It remains to be seen whether they will be maintained. In the fixed oils section business has been on a good scale, and prices for acid, oastor, coconut, groundnut, linseed, and palm oils are all dearer. American turpentine is steadier at better rates. In coal tar products business is still mostly confined to a few products, particularly to pitch, xylol and toluol, while there is an acute shortage of carboic acid crystals. Spot prices of products affected by the 10 per cent. *ad valorem* duty, operating from March 1, are likely to advance accordingly from that date.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

| Centre | Quoted | Par | Feb. 25 | Value of the £ |
|---------------|------------|---------|---------|----------------|
| Amsterdam .. | Fl. to £ | 12.107 | 8.63 | 14/3 |
| Berlin .. | Mks. to £ | 20.43 | 14½ | 14 4 |
| Brussels .. | Belga to £ | 35 | 25 | 14/3½ |
| Copenhagen .. | Kr. to £ | 18.159 | 18½ | 19/11½ |
| Lisbon .. | Esc. to £ | 110 | 110 | 20/0 |
| Madrid .. | Ptas. to £ | 25.22½ | 45 | 35/5 |
| Milan .. | Lire to £ | 92.46 | 66½ | 14/3½ |
| Montreal .. | Dol. to £ | 4.86½ | 3.93 | 16/17 |
| New York .. | Dol. to £ | 4.86½ | 3.84½ | 14/3½ |
| Oslo .. | Kr. to £ | 18.159 | 18½ | 20/3½ |
| Paris .. | Fr. to £ | 124.21 | 88½ | 14/3 |
| Prague .. | Kr. to £ | 164.25 | 117½ | 14/11½ |
| Stockholm .. | Kr. to £ | 18.159 | 18.10 | 19/11 |
| Warsaw .. | Zloty to £ | 43.38 | 31 | 14/3 |
| Zurich .. | Fr. to £ | 25.2215 | 17.85 | 14/1½ |

Bank rate 5 per cent.

Pharmaceutical Chemicals, etc.

A GOOD demand has been experienced for all products affected directly or indirectly by the forthcoming general import duty. In other respects the market has been sluggish. As anticipated, there has been a big reduction in prices for iodides, and the rebates for bulk quantities have been increased. The general tone is steady, and there is

little doubt that spot values of many products will advance at the end of the month.

ACETANILID is well maintained at former rates: B.P. crystals and powder, 1s. 6½d. to 1s. 7½d. per lb. as to quantity.

AMIDOL meets with occasional business; market steady: 56 lb., 7s. 3d.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7-lb. tins; higher prices for smaller quantities.

AMIDOPYRIN is firm on spot and material to arrive would be dearer: crystals, five cwt., 17s. 4d.; two cwt., 17s. 8d.; less than two cwt., 18s. per lb., with powder 2½d. per lb. extra.

AMMONIUM BENZOATE is steady on a rather quiet market, with spot at 3s. 4d. to 3s. 6d. per lb. as to quantity.

ASPIRIN.—This market is generally unchanged, with home makers doing well. Some imported material is offering at competitive rates. Home trade: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 1 lb., 3s. 4d. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d. per lb. f.o.b.; less than one cwt., 2s. 9d. per lb. ex works.

BARBITONE is very firm on spot and in limited supply; dearer to come forward: spot, one cwt., 11s. 6d.; smaller parcels, up to 12s. 6d. per lb.

BENZONAPHTHOL is steady but in limited demand: spot, 3s. 7d. to 3s. 9d. per lb. as to quantity.

BENZOIC ACID (B.P.).—A good demand continues and the market is firm: quantities, ex works, 1s. 11d.; spot parcels, 1s. 11½d. to 2s. per lb., ex store.

BISMUTH SALTS.—Makers report that with the current low level of prices and the possibility of an increase due to the forthcoming import duty on the metal, the demand for the salts has been unusually heavy, and some difficulty is being experienced in meeting all orders promptly. Every effort is being made to deal effectively with the present exceptional demand.

BROMIDES.—Makers' prices are maintained and competition from imported business is noted. A fair business is being done: ammonium, not less than five cwt., 1s. 7d.; one cwt., 1s. 8d.; smaller quantities, 1s. 11d. per lb.; potassium, B.P., crystals and granular, not less than five cwt., 1s. 4d.; one cwt., 1s. 5d., and smaller quantities, 1s. 8d. per lb.; sodium, B.P., not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; and smaller quantities, 1s. 10d. per lb. Special prices for bulk quantities.

BUTYL CHLORAL HYDRATE is steady at former rates: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CALCIUM LACTATE has been in very fair call and the market is steady but competitive: spot, 1s. 2d. to 1s. 3½d. per lb. as to quantity, and up to 1s. 5d. per lb. for small parcels.

CHLORAL HYDRATE.—Makers' prices are steady, with Continental not competitive: duty-paid crystals in 14-lb. containers: 10 cwt., 3s.; five cwt., 3s. 0½d.; one cwt., 3s. 1½d.; 56 lb., 3s. 2½d.; 28 lb., 3s. 3d. per lb., and in 28-lb. jars one penny per lb. extra.

CHLOROFORM.—There is no change to report in home makers' prices: in drums, 2s. 3d. to 2s. 6d.; winchesters, 2s. 3½d. to 2s. 6½d.; 2-lb. bottles, 2s. 4½d. to 2s. 7½d.; 1-lb. bottles, 2s. 5½d. to 2s. 8½d.; 8-oz. bottles, 2s. 6½d. to 2s. 9½d.; 4-oz. bottles, 2s. 8½d. to 2s. 11½d. for ten cwt., down to 56-lb. lots; carriage paid on minimum cwt. lots.

CITRIC ACID (B.P. CRYSTALS).—Dealers continue to offer freely quantities of imported material from 1s. 1d. to 1s. 1½d. per lb., less 5 per cent., carriage paid. British makers quote 1s. 1½d. per lb., less 5 per cent. discount, nominal.

CREAM OF TARTAR.—The spot market for imported material is steady at 103s. 6d. to 104s. 6d. per cwt., less 2½ per cent., carriage paid. British makers quote 99 to 100 per cent. at 103s. 6d. per cwt., less 2½ per cent. discount, nominal.

CREOSOTE (B.P.) is firm, with spot fully 1s. 11d. per lb. for bulk quantities in 25-kilo demijohns; smaller parcels, from 2s. to 2s. 3d. per lb. Dearer to come forward.

CREOSOTE CARBONATE.—Dealers' prices for spot supplies are at 8s. 3d. to 8s. 6d. per lb. as to quantity.

ETHER (METHYLATED).—Makers' prices are unchanged: s.g. 0.750, 1s. 1½d.; 0.735, 1s. 2d.; 0.730, 1s. 2d.; 0.725, 1s. 4d. per lb., in w-quarts; 12 w-quarts, halfpenny less, and packed in drums or carboys, 1d. less.

GUAIACOL CARBONATE is firm on spot and tends to advance; dearer to arrive: spot, five cwt., 7s. 9d.; two cwt., 7s. 10½d.; one cwt., 8s. 1d.; smaller parcels, up to 8s. 6d. per lb.

HEXAMINE.—A sustained demand is reported and prices are keeping steady; free-running crystals, spot, from 2s. 8d. to 3s. 1d. per lb. as to quantity.

HYDROQUINONE.—The spot scale of prices is so far unaltered: ten cwt., 4s. 8½d.; five cwt., 4s. 9½d.; two cwt., 4s. 10½d.; one cwt., 4s. 10¾d.; 56 lb., 4s. 11¾d.; 23 lb., 5s. 1¾d.; 14 lb., 5s. 3½d.; 7 lb., 5s. 5½d.; 1 lb., 6s. per lb., carriage paid.

IODIDES.—Makers notify the following considerable reduction in prices and an increase in rebates allowed for bulk quantities. Potassium iodide, B.P.: one cwt., 18s. 4d.; 23 lb., 18s. 7d.; 14 lb., 18s. 10d.; 7 lb., 19s. 10d.; 4 lb., 20s. 7d.; smaller quantities, 21s. 4d. per lb. Sodium iodide, B.P.: 23 lb., 19s. 10d.; 14 lb., 20s. 4d.; smaller quantities, 20s. 10d. per lb. Iodine resub., B.P.: one cwt., 21s. 3d.; 23 lb., 21s. 6d.; 14 lb., 22s.; smaller quantities, 22s. 6d. per lb. Iodoform, B.P. cryst., precip. or powder: 23 lb., 24s. 5d.; 14 lb., 24s. 11d.; smaller quantities, 25s. 8d. per lb. In quantities not less than one cwt. (which may be taken assorted) containers of 23 lb. and outer packages are free. Carriage paid. Contracts for one cwt., five cwt., ten cwt., or larger quantities, for delivery as required during a period of four months, with the rebates applicable to the quantity booked. As the price for iodine is based on the gold dollar, the prices for iodides must necessarily be subject to rise and fall conditions and accordingly contracts carry the following clause: "The prices of the foregoing contract are subject to a rise and fall clause, the price applicable to any given delivery being that in force on the date of receipt of the order, or on the date of despatch, whichever may be the lower. Quoted without engagement." The following increased rebates are now allowed: for ten cwt. and upwards, taken in one or more deliveries or on contract over four months: potass. iodide, 7d. per lb. (previously 5d.); sodium iodide, iodine resub. and iodoform, 4d. per lb. (previously 3d.) For five cwt. the rebates are: potass. iodide, 4d. per lb. (previously 3d.); sodium iodide, iodine resub. and iodoform, 3d. per lb. (previously 2d.). One cwt. contracts, deliveries of any of the salts (which may be taken in any quantity) are invoiced at 3d. per lb. above the minimum price and the whole quantity becomes subject to 3d. per lb. rebate on completion. Rebates are not allowable unless the full quantity be taken up within four months. All the scheduled quantities may be taken in assorted salts if so required.

LACTIC ACID (B.P.).—Business continues on a fair scale and prices are well maintained. Some imported material is offering, but home makers appear to be doing most of the business: bulk quantities, from 1s. 5½d. to 1s. 8d. per lb., in carboys; higher prices for small lots in winchesters.

METHYL SALICYLATE (B.P.).—Market is steady; business fair: one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d. per lb.; small quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL is firm on spot and dearer to come forward: two cwt., 18s. 3d.; one cwt., 18s. 10d.; 56 lb., 19s. 6d.; small parcels, 20s. 3d. per lb.

METOL is unchanged, with the market rather dull: 56 lb., 9s. 3d.; 23 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 6d. per lb., in tins; bottles extra, and higher prices for smaller quantities.

MILK SUGAR.—Dealers' prices for Continental material are firm; more business moving: one ton, 58s.; ten cwt., 59s.; two cwt., 60s. per cwt., in two-cwt. cases.

PARAFORMALDEHYDE continues to meet with a fair demand on a competitive market: 100 per cent. powder, quantities in kegs, 1s. 2½d.; smaller parcels up to 1s. 5d. per lb.

PHENACETIN.—The spot market is firm as quoted and business has been brisk; material to come forward would be dearer: crystals, ten cwt., 5s. 4d.; five cwt., 5s. 5½d.; two cwt., 5s. 7d.; and less, 5s. 10d. per lb., with powder 2½d. per lb. extra.

PHENAZONE.—Spot stocks are very limited, with the market firm as quoted; dearer to come forward: crystals, ten cwt., 9s. 3d.; five cwt., 9s. 6d.; two cwt., 9s. 9d.; and less, fully 10s. per lb., with powder 2½d. per lb. extra.

PHENOLPHTHALEIN is about steady on a keen market. Continental material is not competitive: ten cwt., 4s. 3d.; two cwt., 4s. 6d.; less than two cwt., 4s. 10d. per lb.

POTASSIUM PERMANGANATE (B.P.).—Spot values tend to advance and supplies to come forward will be dearer: spot, quantities in drums, 8½d. to 8¾d.; smaller quantities, 8¾d. to 9½d. per lb.

POTASSIUM SULPHOGUAIACOLATE is very steady and there has been more inquiry on the market: spot quoted from 4s. 9d. to 4s. 11d. per lb.

PYROGALLIC ACID.—There is no change in home makers' prices: one cwt., 6s. 9d.; 56 lb., 7s.; 23 lb., 7s. 3d.; 14 lb., 7s. 9d.; 7 lb., 8s. 6d. per lb., in 7-lb. tins.

QUININE SULPHATE.—Convention prices for this market continue at 2s. 5d. per oz., carriage paid on bulk quantities.

U.S. imports during November were 32,000 oz. (\$8,639) from Netherlands, 22,500 oz. (\$8,325) from Switzerland, 9,500 oz. (\$2,785) from Canada.

RESORCIN is fully maintained and prices tend to advance: spot, crystals, one cwt., 4s. 1d.; 56 lb., 4s. 2d.; 23 lb., 4s. 3d.; 14 lb., 4s. 4½d.; 7 lb., 4s. 6d.; less than 7 lb., 5s. per lb.

ROCHELLE SALTS.—Makers' prices show no further alteration: five cwt. or over, in one delivery, 82s. 6d.; less than five cwt., 85s.; less than one cwt., 87s. 6d. per cwt., carriage paid. Pulv. seidlitz, five cwt. or over, in one delivery, 66s. 3d.; less than five cwt., 68s.; less than one cwt., 70s.; double, 73s. 3d., 75s. 6d. and 77s. 6d. per cwt., carriage paid.

SALICYLIC ACID (B.P.).—Home makers' prices are steady: one ton, 1s. 5d.; ten cwt., 1s. 5½d.; five cwt., 1s. 6d.; one cwt., 1s. 6½d.; small parcels, up to 2s. per lb.

SALOL.—Dealers' spot prices are firm; supplies to come forward would be dearer: crystals, two cwt., 5s. 3½d.; one cwt., 5s. 5½d.; 56 lb., 5s. 6½d.; smaller parcels, 5s. 8d. per lb.; powder, 2½d. per lb. extra.

SODIUM BENZOATE (B.P.) is firm on an active market and supplies are inclined to be rather restricted for spot delivery: one ton, 1s. 9½d. up to 2s. 1d. per lb. for small parcels.

SODIUM DIETHYLBARBITURATE.—Dealers' prices are fully maintained and forward would be dearer: spot, 12s. 6d. to 13s. per lb. as to quantity.

SODIUM SALICYLATE (B.P.).—Makers' prices are very steady and business is satisfactory; some Continental material offering at about level figures. Home trade: powder, two tons, 1s. 10d.; one ton, 1s. 10½d.; ten cwt., 1s. 11d.; five cwt., 1s. 11½d.; one cwt., 2s.; 23 lb., 2s. 1d.; 14 lb., 2s. 3d.; 7 lb., 2s. 4d.; 1 lb., 2s. 7d. per lb., with crystals 1d. per lb. extra.

SULPHONAL.—Dealers' prices are firm for spot material and supplies to come forward would be dearer: crystals, two cwt., 14s. 7½d.; one cwt., 15s. 2½d.; 56 lb., 15s. 5½d.; smaller parcels, up to 16s. 3d. per lb.; powder, 2½d. per lb. extra.

TARTARIC ACID (B.P. CRYSTALS).—The market is steadier, with imported material at 1s. 1½d. to 1s. 1¾d. per lb., less 5 per cent., ex wharf. British makers quote 1s. 1½d. per lb., less 5 per cent. discount, nominal.

THYMOL.—The market has remained rather quiet: synthetic, fine white, one cwt., 6s.; 56 lb., 6s. 1½d.; 23 lb., 6s. 3d.; 14 lb., 6s. 6d. per lb.; ex ajowan seed, one cwt., 7s. 6d.; 56 lb., 7s. 7½d.; 23 lb., 7s. 9d.; 14 lb., 8s. per lb.

VANILLIN.—Market is very steady and business has been moving on fair lines; Continental to come forward would be rather dearer: ex guaiacol, one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 23 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.; ex clove oil, 16s. to 19s. per lb. as to quantity, from one ton to less than 14 lb.

Crude Drugs, etc.

ACONITE ROOT.—Napellus on spot is quoted at 75s. per cwt., and Japanese at 60s. per cwt.

AGAR AGAR.—The spot market is steady but shipment is again easier. Spot, Kobe No. 1, 4s.; No. 2, 3s. 9½d.; Yokohama, 3s. 9d. per lb.; shipment, Kobe, No. 1, 2s. 11d.; No. 2, 2s. 8d.; Yokohama, 2s. 7½d. per lb., c.i.f.

ANTIMONY.—The market is unchanged and steady, Chinese crude, spot, £22; shipment, £18 c.i.f. Chinese oxide, spot, £34; shipment, £23 10s. c.i.f.

BALSAMS.—There seems to be a shortage of *Tolu* on spot, and prices have again advanced, and are firm at 3s. 6d. to 3s. 8d. per lb. Canada, 4s. per lb.

BELLADONNA.—Leaves are offered at 77s. 6d. per cwt. with some new arrivals expected at an early date.

CAMPHOR.—Business has not been quite so good this week, but the market is steady: Japanese, slabs, 2s. 9d.; flowers, not offering; tablets, 3s. 6d. per lb., spot. Shipment is a shade firmer, with slabs, 2s. 1d.; flowers, 2s. 1½d.; tablets, 2s. 7½d. per lb. c.i.f. Home makers quote: B.P. flowers, one cwt., 3s. 7d.; 28 lb., 3s. 8d.; small lots, 3s. 9d. per lb. Transparent tablets, 4 oz., 8 oz., 16 oz., 3s. 10d.; 1 oz., 2 oz., 3s. 11d.; ½ oz., ½ oz., ½ oz., 4s. per lb.

CANTHARIDES.—Some spot supplies are offering at about 6s. 6d. per lb. for Russian.

CASCARA SAGRADA.—The market is fully steady with 1931 peel on spot at from 57s. 6d. per cwt.; shipment is firm at 55s. per cwt. c.i.f.

CHAMOMILES.—Some old crop is quoted on spot at about 125s. per cwt.

CLOVES.—The market has again been quiet and values are a shade easier. Zanzibar, spot, 8d.; afloat, 7½d.; shipment, February-March, 7½d. c.i.f. Madagascar, spot, 8d., afloat, 7½d. sellers, c.i.f.

The landings of Zanzibar in London during the week ended February 18 were nil and the deliveries 163, leaving a stock of 1,734, against 666 in 1931. From January 1 to date landings of Zanzibar have been 724, against 323 in 1931, and the deliveries 969, against 570 in 1931. Landings of Madagascar for the week ended February 18 were nil and the deliveries nil, leaving a stock of 989, against 1,177 in 1931. Landings of Madagascar this year to date have been 67, against 1,042 in 1931, and the deliveries 85, against 806 in 1931.

COCONUT (DESICCATED).—Further advances in values are recorded, and the market continues firm. Spot, fine, 33s.; medium, 34s.; shipment, halves, February, 31s.; February-March, 30s.; March-April, 30s. sellers, c.i.f.

COD-LIVER OIL.—A good volume of business has been done, most of it being for material to arrive here before the end of the month. Finest Lofoten steam-refined, non-freezing medicinal oil, 110s. to 112s. per barrel, c.i.f. Spot, 120s. per barrel, nominal. Some brands may be cheaper.

DAMIANA LEAVES.—The spot price is in the region of 10½d. per lb.

DIGITALIS LEAVES.—Good green leaves are offering at about 57s. 6d. per cwt.

ERGOT.—Prices now quoted are rather dearer and tend to advance further. Spot, Spanish, 2s. 3d.; Portuguese, 2s. 1d.; Russian, to arrive, 1s. 11d. per lb., duty paid.

GELATIN.—The spot market is firm and tends to advance. Gold leaf, 2s. 1d.; silver, leaf, 1s. 10½d.; bronze leaf, 1s. 8d.; thin leaf, 1s. 6d. per lb. in one-cwt. packages.

GENTIAN.—Dealers are quoting at about 44s. per cwt., duty paid.

GINGER.—The market is steady but rather quiet: spot, West African, 27s. 6d.; for arrival, sellers, 21s. 6d. c.i.f.

GUM ACACIA.—The market has been dull, with values generally unchanged: spot, Kordofan cleaned sorts, 40s.; natural, 38s.; bleached, 85s. to 95s.; shipment, Kordofan cleaned sorts, 32s. 6d.; natural, 30s. 6d. per cwt., c.i.f.

HENBANE.—The price is now mentioned at about 47s. 6d. per cwt., duty paid.

HONEY.—The market continues very firm, with supplies lacking. A small lot of Jamaican has just arrived of fair to medium quality and is held firm at 40s. to 50s. per cwt. as to quality. Shipment prices for new crop are fully 10s. per cwt. up on last year.

IPECACUANHA.—Business has been occasional. Spot prices for Matto Grosso are at about 5s. 9d. per lb.

LIQUORICE ROOT.—Natural is offering at 21s. 6d. per cwt. Russian, single-peeled, is quoted at £45, duty paid.

LYCOPodium.—The spot price is now at about 4s. per kilo.

MALE FERN EXTRACT.—The spot market tends to be firm as quoted at 5s. to 5s. 3d. per lb.

MENTHOL.—The spot market is steady at about 16s. 3d. per lb. for K/S brands; business has fallen off a little. Shipment is quoted at 14s. 4½d. per lb. c.i.f. for January-March.

MERCURY.—The official quotation for Spanish-Italian continues at 65 dollars per bottle, f.o.b. Continental port. Spot is nominal, with most offers withdrawn at the moment.

PEPPER.—The market is about level on the week, with business slow throughout. Lampong, spot, 7d.; shipment, March-May, 6½d.; April-June, 6½d. sellers, c.i.f. Telli-cherry, spot, 7½d.; shipment, March-April, 64s. c.i.f. Aleppy, spot, 7½d.; shipment, March-April, 63s. c.i.f. White Muntok, spot, 8½d.; shipment, March-May, 7½d.; April-June, 7½d. c.i.f.

PIMENTO.—Prices are about maintained, but the market has been dull: spot, 2½d.; shipment, March-April, 22s. 3d. sellers, c.i.f.

PSYLLIUM SEED.—Spot supplies of dark seed are quoted at about 1s. 7d. per lb.

RUBBER.—Following on some weakness early on the market is now steadier and prices are about level on the week. Total U.K. stocks, 126,828 tons, against 126,666 tons a year ago. World stocks at January 31 totalled 650,437 tons, against 498,691 tons a year ago. Standard ribbed smoked sheet, sellers, spot, 2½d.; February, 2½d.; March, 2½d.; April-June, 2½d.; July-September, 2½d.; October-December, 3½d.

SAFFRON.—The market is firm as quoted and tends to advance: prime B.P., 50s.; extra B.P., 45s.; super B.P., 45s. per lb. Some holders not quoting, pending advance at end of the month.

SARSAPARILLA.—The market is steady; business has been quiet: grey Jamaica, 1s. 5d. to 1s. 6d.; native, mixed colours, 1s. to 1s. 2d. per lb. as to quality.

SEEDS.—ANISE.—Spanish, 55s.; Bulgarian, 37s. 6d.; no Russian offering. CANARY.—Mazagan, 16s. 9d. spot; Tangier, 16s. 3d. spot; Kenitra, 15s. 6d. spot; Larache, 15s. 9d. spot. LINSEED.—Spot, Mazagan, 15s.; Morocco, 14s. 3d.

CORIANDER.—Morocco, 1929 crop, offering at 17s.; very little business passing. CUMIN.—Malta, spot, 40s., and Morocco 30s.; shipment unchanged at 28s. c.i.f. FENUGREEK.—Morocco, 15s. spot; Tunisian, 17s. CARAWAY.—Dutch, on spot, 34s. 6d. MUSTARD.—English, 22s. 6d. to 31s. per cwt., according to quality.

SENEGA.—This market seems to lack interest: quotations are at about 1s. 8½d. to 1s. 9d. per lb.

SENNA.—Except for a fair demand for the finest grade of hand-picked Alexandrian pods the market has been quiet and is fairly steady: Alexandrian, manufacturing pods, 4½d. to 5d. per lb.; Tinnevely, good quality hand-picked pods, 8½d. per lb.

SHELLAC.—The market has been dull and is rather easier: spot, standard orange, 70s.; fine orange, 80s. to 157s. 6d.; pure button, 87s. 6d.; for delivery, TN, March, 65s. 6d. sellers; May, 65s. 6d., sellers; August sold 68s.; for arrival, TN sellers, February-March, 62s. c.i.f.

SQUILL.—Supplies on spot of good white are difficult to find. No. 2 quality is quoted at 18s. per cwt.

STRAMONIUM LEAVES.—Italian are quoted on spot at 50s., and Hungarian at about 55s. per cwt.

WAX (VARIOUS).—Business has been moving on a good scale and prices are all well maintained. JAPANESE, on spot, is steady at from fully 60s.; CARNAUBA, fatty grey and chalky grey, 75s.; medium yellow, steady, 140s.; fine yellow, 160s.; CANDELILLA is unchanged at 90s. per cwt.; SPERMACETI, steady at 9½d. per lb. spot; PARAFFIN is quoted from 25s. to 34s. per cwt. as to melting point; CEREZINE is quoted from 35s. to 80s. per cwt. as to colour and melting point; BEES' is firm and in good demand; bleached, discs, £7 15s.; slabs, £7 10s.; yellow refined, £5 12s. 6d.; yellow crude, £5 per cwt., spot.

Essential Oils

A GOOD volume of business has again been done this week. This activity is due principally to consumers stocking up before prices are advanced on account of the forthcoming import duty. Sicilian lemon and orange are steady. Bourbon geranium is nominal on spot. Citronella, Java, is firm. Japanese demetholised peppermint is steady. A general advance in spot values of all products affected by the import duty is anticipated at the end of the month.

ALMOND continues very steady and business is moving: spot, genuine s.a.p., 8s. to 8s. 3d.; sweet almond, 2s. 3d. per lb.

ANISE (STAR).—Business on spot has been fair; market is fully steady: spot, "Red Ship," in leads, 2s. 3d.; in tins, 2s. 1d.; in drums, 1s. 11½d.; shipment, in leads, 2s.; in tins, 1s. 11d.; in drums, 1s. 9½d. per lb. c.i.f.

BERGAMOT.—Spot offers continue in the region of 10s. 6d. to 11s. per lb., as to quantity and quality.

BOIS DE ROSE is unchanged and firm on spot with Brazilian at about 3s. Cayenne is quoted at about 7s. 3d. per lb.

CAJUPUT is steady at last week's advance, with spot quoted at 2s. 8d. to 2s. 9d. per lb. as to quantity.

CARAWAY is unchanged; spot, double-distilled, 7s. 6d.; crude, 7s. 1d. per lb., and slightly less for bulk quantities.

CASSIA continues very firm on spot with stocks limited: spot, fully 4s. 7d. to 4s. 9d. per lb.

CEDARWOOD.—The spot market is a shade dearer again as quoted at about 2s. per lb. Shipment is unchanged at 1s. 9d. per lb. c.i.f.

CINNAMON LEAF is very steady with spot offers at 5s. 4d. to 5s. 6d. per lb., as to quantity.

CITRONELLA.—The spot market for Java is firm at 2s. 10½d. to 3s. per lb., with shipment quoted at 2s. 6d. c.i.f. Ceylon is steady on spot at 1s. 9d. to 1s. 9½d. per lb., and shipment at 1s. 8½d. per lb. c.i.f.

CLOVE is steady but rather quiet: English, 90 to 92 per cent., 5s. per lb. Madagascar, 4s. to 4s. 2d. per lb.

EUCALYPTUS.—The spot value of Australian is steady and unchanged, with 70 to 75 per cent., 1s. 1d. to 1s. 1½d.; 80 to 85 per cent., 1s. 5d. per lb. Spanish, 70 to 75 per cent., 1s. 3d. per lb. and dearer forward.

GERANIUM.—Bourbon is nominal on spot owing to almost entire lack of supplies, at about 27s. 6d. to 30s. per lb. Algerian is also scarce on spot and nominal at 27s. 6d. per lb. Bourbon, to arrive, duty paid, about 27s. 6d.

GINGERGRASS is about unchanged with spot quoted at about 7s. per lb.

JUNIPER BERRY (B.P.) is very steady on spot at 4s. 6d. to 4s. 8d. per lb., as to quantity.

LAVENDER.—The market is very steady, and forward would be dearer. French, 33 to 40 per cent., 11s.; 35 to 38 per cent., 10s. 9d. per lb. for finest grades, and slightly less for bulk quantities.

LEMON.—The markets for spot and shipment in Sicilian hand-pressed are unchanged and very steady. Spot, 6s. 9d. to 7s. 3d. per lb. as to quantity and brand. Shipment, new crop, 7s. 2d. to 7s. 4d. per lb. c.i.f. Machine-made is offered for shipment at 5s. 4d. per lb. c.i.f. Californian, spot, 5s. 7½d. per lb. in drums.

LEMONGRASS is maintained at last week's advance on spot to 2s. 5d. to 2s. 5½d. per lb. Shipment is offering at 2s. 1½d. per lb. c.i.f.

LIME is steady and supplies are by no means heavy: spot, 38s. per lb.

MANDARIN is firmer on spot at 16s. 3d. per lb., and rather dearer to come forward.

ORANGE.—The spot market for Sicilian sweet is steady in the region of 3s. per lb., while shipment offers are at 7s. 9d. to 7s. 10d. per lb. c.i.f. Bitter orange is quoted on spot at about 7s. per lb. West Indian hand-pressed, 5s. 6d. to 5s. 9d. per lb. Californian, spot, 5s. to 5s. 7d. per lb. as to quantity.

PALMAROSA has been quiet: spot is quoted at about 8s. to 8s. 3d. per lb. as to quantity.

PAICHOUILL—Spot offers continue at about 12s. 6d. per lb. and dearer forward.

PEPPERMINT.—The spot market for Japanese dementholised is steady, and business has been on a fair scale; spot quoted at 4s. 6d. to 4s. 7½d. per lb.; shipment, January-March, 4s. 2d. c.i.f. American oil, for shipment, 1 dollar 50 cents, c.i.f.; spot, from 9s. upwards, and redistilled 11s. per lb.

PEMIGRAIN.—The spot market is firm at fully 4s. 6d. per lb.; shipment, 4s. 3d. per lb. c.i.f.

SASSAFRAS is unchanged and steady on spot from 4s. 6d. to 4s. 9d. per lb. Shipment, 4s. 3d. per lb. c.i.f.

SPEARMINT is well maintained at the former spot figure of 6s. 6d. per lb.

SPIKE.—Business has been moving well, and spot is firm at 4s. 4d. to 4s. 6d. per lb. for Spanish; shipment, 4s. c.i.f.

WORMSEED has been in fair demand with spot steady at 13s. 4d. to 13s. 6d. per lb.

The following importations from the countries indicated have taken place during the period February 16 to 22 inclusive:—Almond (Fr.) 2 cs.; anise (Star) (Hong-K.) 10 cs., 5 dms.; bergamot (It.) 5 cs., (Netherlands) 5 cs.; cananga (D.E.Ind.) 2 dms.; chamomocra (Ind.) 11 cs.; cinnamon (Kenya) 2 dms.; citronella (Netherlands) 1 dm.; clove (Fr.) 7 cts., 4 dms.; dill (Gr.) 5 dms.; eucalyptus (Sp.) 10 cs.; geranium (Fr.) 4 dms., 5 cs., (Algeria) 2 dms., (Netherlands) 5 cs.; gingergrass (Ind.) 1 dm.; guaiacwood (Netherlands) 1 cs.; juniper berry (B.P.) Czechoslovakia 2 cs.; lavender (Fr.) 10 cs., (Switz.) 2 cs.; lemon (Gr.) 5 cs., (Fr.) 11 dms., 4 cs., (It.) 22 cs.; lemongrass (Ind.) 5 dms.; lime (B.W.I.) 1 cs.; mace (Gr.) 5 dms.; orange (It.) 115 cs.; peppermint (U.S.) 15 cs., 1 dm., (Jp.) 25 cs., (Fr.) 3 cs., (It.) 4 cs., (Gr.) 5 cs., 2 dms.; pine (Gr.) 2 dms.; rose (Fr.) 1 cs.; sandalwood (Ind.) 5 cs., (Aust.) 100 cs., (Gr.) 2 cs.; sassafras (U.S.) 7 cs.; spearmint (Fr.) 1 cs.; various (U.S.) 2 dms., (Netherlands) 18 cs., (Gr.) 55 cs.; vetiver (Java) 1 dm., (Fr.) 5 dms.

Coal Tar Products, etc.

BUSINESS in this market is mostly confined to a few products. Pitch continues active; pure qualities of toluol and xylol are scarce and dear; carbolic acid crystals are not available in bulk quantities. Cresylic acid is weak. BENZOL.—The market continues firm as quoted: standard motor 90's, 1s. 5d. to 1s. 6d.; per gallon, in tank wagons, ex works; pure, 1s. 10d. to 1s. 11d. per gallon. CARBOLIC ACID CRYSTALS (39° to 40° C.).—It is difficult to obtain bulk quantities. The price is nominal at about 7d. to 8d. per lb. for any smaller lots on the market. Crude 60's, 1s. 7½d. to 1s. 9d. per gallon, naked, at works. CRESYLIC ACID.—There has been a little more inquiry, but the market is still weak: pale, 93 to 100 per cent., 1s. 4½d. to 1s. 5d.; dark, 95 per cent., 1s. 1d. to 1s. 2d.; special qualities, 3s. to 3s. 3d. per gallon, ex works. American duty-free acid, 1s. 7d. to 1s. 9d. per gallon, f.o.b. CREOSOTE OIL.—The market is steady and business is fair. Bulk quantities, 5d. to 5½d. per gallon, f.o.r. works, South England. KEROSENE is steady, with the demand about normal; water-white, 11½d.; standard white, 10½d. per gallon, in barrels, ex wharf, London; in bulk, 3d. per gallon less for London and Home Counties; rest of England and Wales, 1½d. per gallon extra. MOTOR SPIRIT.—National distributors' prices are unchanged: No. 1, 1s. 3½d. per gallon, delivered in bulk for England, Wales and South Scotland; 1s. 4d. for Belfast, and 1s. 4½d. for remainder of Northern Ireland and North Scotland; 1s. 0½d. for Irish Free State, with Dublin 11½d. per gallon; No. 3 spirit, 2d. per gallon less, and aviation spirit 4d. per gallon more in all cases; 1d. to 2d. per gallon more in two-gallon tins as to district. NAPHTHALENE is steady; business moderate: flakes, £11 10s.; balls, £11 10s. per ton, in cases. PITCH.—Good inquiry continues and the market is firm: quoted from 77s. 6d. to 80s. per ton, f.o.b. East Coast. SOLVENT NAPHTHAS.—Market continues steady and business is fair: 90 to 160, 1s. 2½d. to 1s. 3½d.; heavy, 90 to 190, 1s. 0½d. to 1s. 1d. per gallon, naked at works. TOLUOL.—Scarcity of supplies of pure quality is acute: commercial 90's, 2s. 4½d.; pure, 2s. 11d. to 3s. 1d. per gallon, ex works. XYLOL is steady; commercial, 2s. 2½d.; pure, 2s. 6d. per gallon, ex works.

Fixed Oils, etc.

BUSINESS has been moving well in a number of products, and prices in these instances are firm at higher levels. Acid oils, castor, coconut, groundnut, linseed and palm oils are all dearer. American turpentine shows a recovery, closing steady. ACID OILS have advanced, and close steady with business moving well: coconut and/or palm kernel, 23s. 6d.; groundnut, 21s. 6d.; soya, 17s. 9d. spot. CASTOR.—Prices for all grades have advanced sharply: pharmaceutical, 43s. 6d.; first pressings, 43s. 6d.; second pressings, 41s. 6d.; barrels; cases, 2½ per ton extra, ex mills, in not less than one-ton lots. COCONUT is dearer on the week, and the market is steady: deodorised, 36s. (barrels), spot; Ceylon, 29s. 6d. (drums) c.i.f. COITON.—The market is about steady at level rates on the week: deodorised, 32s.; common edible, 29s. 9d.; soapmaking, 29s.; crude, 26s. 6d. (barrels) spot. GROUNDNUT.—A sharp and considerable advance in values is recorded: deodorised, 44s. 6d. (barrels), spot; crude Oriental, 40s. 6d. (drums), c.i.f. LINSEED (RAW, NAKED).—Prices for all positions show a sharp advance, and the market is now firm: on spot, 17s. 6d.; March, 16s. 3d.; May-August, 17s. 7½d.; September-December, 18s. 9d. Boiled oil, 20s. 6d. OLIVE.—The market is firm and tends to advance: edible, 6s. 3d. in drums, 6s. 9d. in tins in cases; B.P. 5s. per gallon, in 40-gallon barrels. PALM.—Values for all grades show a further advance; market is steady; business improved: Lagos, 22s.; softs, 22s.; mediums, 21s.; hards, 22s.; bleached, 24s. spot. PALM KERNEL is fully steady at level prices on the week: deodorised, 35s. 6d.; crude, 29s. 6d. spot. RAPE is about unchanged on a quiet market; refined, 35s.; crude, 33s. spot. RESIN.—Prices show a further slight advance, and the market is steady: B. 12s. 3d.; D. 12s. 6d.; F/G, 13s. 6d.; N. 19s. 6d.; W/G, 22s. 6d.; W/W, 25s. ex wharf. SOYA.—The spot market for deodorised is dearer and steady at 31s.; crude, 33s. spot. TURPENTINE.—The market has recovered from the recent weakness and closes firmer at better rates. On spot, 52s. 9d.; March-April, 53s. 3d. WOOD.—Hankow in barrels on spot is nominal at 37s.

Industrial Chemicals, etc.

THE market is very steady throughout, with rather more interest shown in those products which are likely to be affected by the import duty which comes into operation next week. Prices, at the moment, are unchanged, but some revisions to slightly higher levels are anticipated.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

What is *Materia Medica*?

SIR,—Dr. Burn has succeeded in writing a very interesting book entitled "Recent Advances in *Materia Medica*"; and, although the substance thereof may not be of much immediate interest to the retail chemist, the title is one which is causing a considerable amount of comment. It will be readily granted that Dr. Burn is substantially correct in his use of the words "*materia medica*" as being that branch of medical science dealing with the origin and preparation of drugs, their dosage and their mode of administration. In his preface Dr. Burn admits that the title may suggest that the book covers the whole range of *materia medica*. The modern chemist has become accustomed to consider the words "*materia medica*" as a synonym for pharmacognosy. Dr. Burn presumably realised the difficulty of obtaining a suitable title for his book, as it is based on a course of lectures, and these lectures were described as a course in biochemistry. It is rather a risky business to attempt to break lances with a man like Dr. Burn, but I do suggest that there is at present considerable confusion in the use of terms generally; a little overlapping cannot be avoided, but many words are used in a very loose fashion and with very little meaning. On the whole one would think that several happier titles could have been selected, such as "Biological Therapy" or "Biochemical Therapy," and last, but not least, why not "Immunology?" In conclusion, I hope that Dr. Burn will forgive me for this little criticism of a most readable book from the first word of the preface to the last of the index. I listened with considerable pleasure to every one of the lectures given by Dr. Burn, and am sure that the book contains many hints, which will be of great assistance to certain manufacturers, particularly his description of the use of toxoids. One greatly admires his courage in mentioning that the workers in the laboratories of the manufacturing houses are, whatever they call themselves, pharmacists. I know several who would be glad to add this as an extra qualification, but what does the Council of the Pharmaceutical Society think?

Yours, etc.,

THOMAS McLACHLAN, A.C.G.F.C., F.I.C.

London, W.C.1.

Colloids

SIR,—Mr. A. W. Lupton has written a useful outline of the chemistry of colloids. Perhaps I am entitled to say this because I have myself written a good deal for the medical and pharmaceutical Press on the same subject. The chief interest of colloids for the pharmacist is, after all, not so much chemical or physico-chemical as therapeutic; and one is sorry that this aspect is not further explored in Mr. Lupton's article. As a pharmacist, my experience is that colloids have fallen off in popularity with prescribers during recent years. Ten or fifteen years ago they were most fashionable. To-day—so far as my own experience goes—a prescription for a colloid is the exception rather than the rule. Dr. Jane Walker's recently published lecture on "Medicine To-day and To-morrow" throws light on this change. Dr. Walker speaks with pardonable sarcasm of the fads and fashions that haunt medicine from time to time, each fad in its turn dying a natural death. From what I know of colloids and of their adoption and subsequent partial abandonment by the medical profession, I have long regarded them as at least a fashion, if not as a fad. Their manufacturers base their boasting on the indisputable fact that a majority of the fluids of the human body are colloidal, and they preach the *non sequitur*, "Administer all remedies in colloidal form!" Another indisputable fact is that the body itself is a laboratory capable of converting foods and salts to

colloidal form. Hence the administration of colloids is largely a work of supererogation (as clergymen say), and the older and cheaper method of giving chemical compounds in their ordinary forms is justified alike by common sense and by close reasoning. Change is not necessarily progress; and when the change is advocated not scientifically but commercially, one may be pardoned if a little scepticism supervenes. It is probable that medical men more than pharmacists are the victims of quackery ramps, as it is equally probable that there is more disinterested attachment to pure science in pharmacy than in medicine. Interesting as colloids are, it is possible that their bearing on therapeutics is even more interesting.—Yours faithfully,

LEX (22/2).

The Plight of the Unregistered

SIR,—Is it worth while to qualify with a prospect of earning from £3 10s. to £4 a week? We are overstocked with both qualified and unqualified (or "unregistered" as some prefer to describe themselves). The only remedy (as I see it) to improve the status and remuneration of both qualified and unregistered is to stop "recruiting." The ranks of pharmacy are full and overflowing. Let chemists cease taking girl apprentices and, also, boys who have not at least matriculated. Let them do something to stop the chemist who has a smart errand-boy from bringing him on to serve behind the counter; and, when he has reached man's estate, giving him a reference as an "assistant" and sending him out into the world to swell the ranks of the unregistered, to compete with the qualified and the apprenticed unregistered. Let them open the Register as the dentists did; register every unregistered man who can produce his indentures; make these newly registered men pay at least £5 per annum for the privilege of being registered; make it illegal for a chemist to accept an apprentice in future who has not matriculated. No man or woman ought to be employed in a chemist's shop over the age of twenty-two who is not qualified. Chemists should approach the company chemists now and get them to agree to a minimum charge of 2s. 6d. for any private script; they want to make profits as well as the private chemist—and I think you will agree that the "big people" have always been approachable and ready to fall in line. I wonder what the average takings in private chemists' shops throughout the country are—£25 a week at the outside. If it was all profit it would not be much of a life. Well! Is it worth it? It should be compulsory for every chemist to be a member of the Pharmaceutical Society and pay £5 (or more) per annum, and then they will be as strong a society as the British Medical Association. I am personally quite unconcerned in this matter. I am perhaps unqualified but certainly unregistered. Having served my apprenticeship, I took a post as "senior" assistant in a high-class dispensing business, then managed a big drug store, and practised dentistry with great success. After that I earned £14 a week "on the road," then the war claimed me in 1914. I am not doing so badly, but I am not pill-pushing even on the maximum scale—no thank you!—Yours faithfully,

MUMMATS NOBBY (22/2).

SIR,—I have every sympathy with any man who finds himself out of employment through no direct fault of his own, but I would point out to your correspondent "Brimstone" (C. & D., February 13, p. 178) that there is another side of the question when discussing the relative positions of registered and unregistered men engaged in pharmacy. As the examination is a statutory one, why should any small privileges which may be attached to it be opened up to people who have not passed it? Members of the Pharmaceutical

Society have not had their certificates given to them merely on application; in many cases it has been a hard experience entailing saving and stinting to raise the money to pay the fees, often working by day and studying by night, and having been through the mill myself I can tell him that it was not just a pleasant form of amusement. If he does not mean to claim full registration, it would not be worth having.

Faithfully yours,

THERIACA (23/2).

SIR,—I read in your last issue a letter by the president of the Brighton and Hove Association of Pharmacy, and noted the advisability of making a strong movement to combat the growing menace from drug stores. I should like to ask if this Association has ever stopped to consider the probable cause of this menace, if such it is. The obvious reason is that really experienced men have no inducement to remain in pharmacy; as a matter of fact, they are not wanted, pharmacists generally preferring to leave their customers in the hands of very young men or inexperienced girls. What alternative have they? If these men had some form of recognition and an opportunity, the wholesaler need not be subjected to what might easily be termed a mild form of blackmail. I think everyone will agree that reorganisation of pharmacy is essential; and (having allowed them to remain so long) surely the first step in this direction should be the absorbing of those qualified by life experience. In reply to "Disengaged" (16/2), I am already in communication with a number of brother unfortunates with a view to forming a society whose one object will be to push forward our claim. I am in complete agreement with "Krites" (15/2), except that I think twelve or fifteen years' experience should make even a modified examination unnecessary.

Yours faithfully,

"BRIMSTONE" (23/2).

The Pharmaceutical Beak

SIR,—Reading Mr. John Humphrey's letter in your issue of February 13 (p. 178) I am reminded that a bill can be several things. For instance, a bill can be a beak; and a beak, whether on a bird or magisterial bench, can peck—and usually does. A bill can also be a caress ("bill and coo"); so we can deduce that the late unlamented Pharmacy and Poisons Bill was first intended to caress us into blind acceptance, and then give us a good "peck" afterwards, just like conventional matrimony. Mr. Humphrey, though lucid as usual, appears to be wanting in logic. His claim is that the Pharmacy and Poisons Bill, "though falling short of what we desire, . . . was really a most comprehensive measure, needing but few additions and alterations to satisfy our legitimate aspirations." Note the particular advantages he claims from it:—

(1) Great benefit for the Pharmaceutical Society. No modifications about that claim—a "cert."

(2) In time, for pharmacy in general. Note the "in time"—very indefinite.

(3) The immediate benefit to chemists and druggists would have been comparatively small; the advantages likely to accrue to those in business before many years have elapsed may well prove to be very great.

I should imagine from what I know of chemists and druggists that what they need is immediate benefit; something certain, with no "likely" or "may" about it; and that they are not vastly interested in "pharmacy" as scientific or unscientific practice. I, in my youthful innocence, have been under the impression that a society was an organisation of individuals either to obtain individual ends collectively or to effect reforms; yet we have Mr. Humphrey claiming certain benefit for the Society and speculatively little for the individual member—which is comical. But then, I always have thought the Pharmaceutical Society a comical body. The Pharmacy and Poisons Bill is worthy of one end—a "gangster's funeral."

Yours, etc.,

GEORGE F. CORRALL.

Enfield Wash.

Legal Queries

C. H. A. (15/2).—Preparations containing pilocarpine, such as a jaborandi hair tonic, come within Part II of the Poisons Schedule, and, consequently, may only be sold by a registered chemist and druggist.

L. L. (30/1) bought a business in 1925 and took over the lease. At that time, the previous owner of the business lived on the premises and he continued to do so up to the time of his death, three years ago. Since then, his children have occupied the premises, paying rent to "L. L." Can these tenants be evicted without the necessity of finding them alternative accommodation, or, alternatively, is it permissible to increase the rent? [In our opinion, the Rent Restriction Acts do not, in the circumstances, apply to the premises; in which case the tenants can be compelled to vacate the premises, or the rent can be increased, after the present tenancy has been terminated by the requisite period of notice.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

Inquirer (4/2).—COLOURING OF SWEET PEAS.—There is no really yellow sweet pea and, of course, sweet peas are not normally coloured by the use of any chemical applied from outside, either in the soil or otherwise. It is quite likely, however, that one of the aniline dyes may be used for colouring a white sweet pea to almost any shade so long as the dye is soluble in water, but that would not be applied through the soil.

E. S. H. (25/18).—GLYCERINATED ESSENCE OF PEPPERMINT.—The difficulty of producing a satisfactory essence of peppermint made with glycerin resides in the necessity of including a relatively high proportion of alcohol as a solvent. The following formula will answer most requirements:—

| | | | |
|------------------------|-----|-----|----------|
| Oil of peppermint | ... | ... | 10 parts |
| Alcohol (90 per cent.) | ... | ... | 50 parts |
| Glycerin | ... | ... | 40 parts |

Certain oils of peppermint are slightly more soluble in alcohol, and in this case the amount of the latter can be reduced and replaced by an equivalent amount of glycerin. The use of isopropyl alcohol is not recommended in the preparation of any article intended for internal use. In this connection it may be mentioned that the legal aspect of the use of isopropyl alcohol in medicinal and other preparations was dealt with in an editorial article in the *C. & D.*, 1929, I, p. 68.

Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," February 15, 1882

Aberdeen Chemists' and Druggists' Association

The annual conversazione in connection with this Society was held in St. Katherine's Hall on February 7. There were about 200 present. The proceedings were commenced by an address by the chairman, Mr. Presslie (the president), who said, with reference to the Society, that the beginning of the present year found them in considerable difficulty concerning the continuation of evening classes for their apprentices and assistants. . . . An assembly followed, and dancing was kept up with much spirit for several hours. . . . During the interval a dramatic performance was given by some of the younger members of the trade.

British Bromides

Inspect these and other Empire Products

STAND A 107

at the British Industries Fair



Whiffen & Sons Ltd.

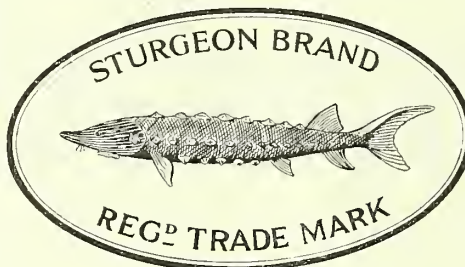
Battersea S.W.11

Fulham S.W.6

CAMPBOR ♦ STRYCHNINE ♦ CAFFEINE ♦ MERCURIALS ♦ QUININE
EMETINE ♦ ESSENTIAL OILS ♦ GELOZONE
IODIDES

STURGE CHEMICALS**CITRIC ACID**CITRATE of POTASH
CITRATE of SODAFERRI et AMMON
CIT.**BICARBONATE
of POTASH**

CARBONATE of POTASH

PRECIPITATED CHALKCALC. CARB. PRECIP.
for Dentifrice Pastes, &c.

ESTD. 1823.

**ROCHELLE
SALTS**

PULV.

SEIDLITZTARTRATE of SODA
TARTRATE of POTASH**JOHN & E. STURGE, Ltd. WHEELLEY'S LANE
BIRMINGHAM**Agents:
H. J. BAKER & BRO. NEW YORK
C. REINHOLD & CIE., 10 Rue Perree, PARISCables: "STURGEON, BIRMINGHAM"
Codes: A.B.C. 6th Edition, BENTLEY'S
and LOMBARD**EPSOM SALTS***Commercial and B.P. Qualities
also Powdered***Glauber's Salt***Commercial and B.P. Qualities
and Desiccated***Zinc Sulphate***Commercial and B.P. Qualities***Zinc Chloride***Fused, Granulated and Liquid***CHURCH
LANCASHIRE****Hyposulphite
of Soda** *Pea Crystals***Lead Arsenate**
*Paste and Powder***Precipitated
Sulphur****WEED KILLER***A list of our general Technical
Chemicals sent on application*

Telephone: CLERKENWELL 1315.

Telegrams: "ETHERMETH, SMITH, LONDON."

ALFRED WHITE & SONS, LTD. (Established 1775)*Manufacturing and Export Chemists***28-31 ALLEN ST., GOSWELL RD., LONDON, E.C.1.****ACIDS** (Pure and Coml.)
BISMUTH SALTS
CHLOROFORM
CITRATES**ETHERS** (all gravities)
HYPOPHOSPHITES
LIQ. AMMONIA
MERCURIALS**QUININE SALTS**
SP. AMON. AROM.
SP. ETHER NIT.
IODINE PREPARATIONS, Etc.**CHEMICALS FOR RESEARCH, ANALYTICAL, PHARMACEUTICAL AND TECHNICAL PURPOSES.**

Johnsons of Hendon

We invite
you to visit
our STAND



B76

STANDARDISED
GALENICALS . .
PHARMACEUTICAL
CHEMICALS . .
PHOTOGRAPHIC
CHEMICALS . .

etc. etc.

JOHNSON & SONS
Manufacturing Chemists, Ltd.
Hendon LONDON N.W.4
Manchester Office : 12 QUEEN ST., DEANSGATE

OPEN AN ACCOUNT WITH



The Medical Profession prescribe—

"QUADRONAL"—Analgesic

(write for free supply of 25 elegant
metal cases containing 6 tablets for
free distribution to customers)

"QUADRO-NOX"—Hypnotic

"RECRESAL"—Phosphoric Roborant

"VALIDOL"—Stomachic and Sedative

The source of supply is—

W. BREDT, LIMITED
38 GREAT TOWER STREET
LONDON, E.C.3

'Phones :
Royal
2663 & 3697

Send for full information.

'Grams :
"JALAP,"
London.

STERLING —BRAND— CHEMICALS

SCALE PREPARATIONS
HYPOPHOSPHITES
BISMUTH SALTS
MERCURIALS
STEARATES
CITRATES
ACIDS
ETC.

THOS. TYRER

& CO., LTD.

STRATFORD
LONDON, E.15

Ask **CARNEGIE** for

Aloin Chrysarobin, Fine Goa Powder
Ephedrine Ext. Filicis Iodides Menthol
Quinine Podophyllin Santonin Strychnine

*Acids: Acetyl Salicylic, Chrysophanic, Salicylic, Tannic Leviss,
Diethylbarbituric, Phenylethylbarbituric.*

*Alkaloids: Arecoline, Atropine, Berberine, Brucine, Caffeine,
Cantharidine, Emetine, Eserine, Hyoscine,
Pilocarpine, Theobromine, Veratrine.*

*Amidopyrine, Citrates, Hexamine, Jalap Resin, Methyl Salicylate,
Phenacetin, Phenazone, Salicine, Scammony Resin, Soda Salicylate.*

WHOLESALE & EXPORT ONLY

CARNEGIE BROS. Ltd.

227 Essex Rd., London, N.1

TELEGRAMS: "CARNEBROS, LONDON."

TELEPHONE: CLISSOLD 3560-1 & 2318.



LOZENGES PASTILLES

LIQUORICE & MENTHOL

Glossettes
REGD.

Compressed Tablets

PACKED OR IN BULK, FOR WHOLESALE.
RETAIL AND EXPORT TRADES

ERNEST JACKSON & Co., Ltd.

London Office: Plantain Place, Crosby Row, Boro', S.E.1

Works: CREDITON, Devon

'Phone: Hop 2668 and Crediton 10.

SPECIAL QUOTATIONS

to WHOLESALE BUYERS and
PACKERS of the following
lines:

COCOANUT OIL SHAMPOO

OLIVE OIL SHAMPOO

RASPBERRY VINEGAR

The above "fine quality products"
at competitive rates are offered at
very attractive prices for contracts
over twelve months.

*Samples and quotations will be sent
on receipt of enquiry stating
approximate quantities required.*

Established 1786.

J. C. ARNFELD & SONS, LTD.

GADSBY WORKS,

Princes Street :: STOCKPORT



ALKALOIDS

*Fine Chemicals**Opium Derivatives*

Aloin · Atropine · Bismuth Salts · Caffeine

Cantharidin · Capsicin · Chloroform · Chrysarobin

Codeine · Diamorphine · Emp. Canth. Liq. · Ephedrine

Ergotin · Eserine · Ethylmorphine · Gingerine

Hyoscyamine · Jalap Resin · Leptandrin

Morphine · Opium · Podophyllin Resin

Salicin · Santonin · Scammony Resin

Strychnine · Veratrine and other

Pharmaceutical Chemicals and Preparations

*Goods covered by Dangerous
Drugs Acts offered subject
to all regulations.*

T. & H. SMITH Ltd

*Blandfield Works
Edinburgh**25 Christopher Street,
London, E.C.2**32-34 Virginia St.
Glasgow*

EST. 1827

Bulk Chemicals from

AMIDOPYRIN
BARBITONE
METHYL SALICYLATE
SODIUM SALICYLATE
PHENACETIN
PHENAZONE

Bayer Products Ltd

19 ST. DUNSTAN'S HILL, LONDON, E.C.3

'Phone: ROYAL 6701/4. Telegrams: "BAYAPROD, PHONE, LONDON."

SOLAZZI*The Chemist's Brand*
LIQUORICE JUICE

**SOLAZZI JUICE IS GUARANTEED
TO CONSIST ENTIRELY OF THE
CONDENSED EXTRACT OF FINEST
CALABRIAN LICORICE ROOT
WITHOUT ANY ADMIXTURE WHATEVER**

Should any enquiry as to the composition of SOLAZZI be received from the public, Chemists are asked to emphasise the fact that SOLAZZI is not included in the category of Secret Remedies, and that the accompanying guarantee obtains with every parcel.

ESTABLISHED 1772
HENRY'S CALCINED MAGNESIA

Continues to be prepared with scrupulous care, in the greatest chemical purity by
Messrs. THOMAS & WILLIAM HENRY, 11, East Street, St. Peter's, Manchester.
And is sold in Bottles, authenticated by a stamp bearing their name. Trade Mark, "Henry's Calcined Magnesia."
New York: Messrs. SCHIEFFELIN & CO, William Street. **PRICE 2s. 9d.** Paris: Messrs. ROBERTS & CO, 5, Rue de la Paix.

OLEO - RESIN OF PYRETHRUM
Absolute and soluble for domestic and agricultural insecticide; medical and veterinary vermicide. Harmless.

S.F.P.A. GATTEFOSSE, 15 rue Constant, LYON (France)

The Wholesale PILL & TABLET HOUSE

MODERN MACHINERY.

MODERATE PRICES.

Private Formulæ Quoted in Any Quantity.

LIST OF STOCK FORMS UPON APPLICATION.

HOWARD LLOYD & CO., LTD., LEICESTER

- MIOL -

THE TONIC FOOD OF THE CENTURY

Obtainable only from

WILLOWS, FRANCIS, BUTLER & THOMPSON, Ltd.

73, 75 and 89a Shacklewell Lane, London, E.8

Phone: Clissold 6361. Wire: "Forty Kinland, London"

IMPORTANT ANNOUNCEMENT

CLARKE'S BLOOD MIXTURE

Revised Price List and Terms. **MINIMUM LOTS**

3 dozen at 28/6 per dozen or £4 5s. 6d. per case

12 dozen at 27/- per dozen or £16 4s. per case

NET. CARRIAGE PAID. PACKING FREE.

TABLET FORM

CLARKE'S BLOOD MIXTURE

In response to frequent public request Clarke's Blood Mixture is now available in tablet form.

PACKED IN CARTONED BOTTLES TO RETAIL AT 3/-

Trade Prices are the same as those of Clarke's Blood Mixture, and orders may be assorted as desired.

**PLEASE ORDER YOUR STOCK BY RETURN TO
MEET THE DEMAND, EITHER DIRECT OR
THROUGH YOUR USUAL WHOLESALE HOUSE**

ASSORTED ORDERS

| | | | Min. Value £4/5/6 | Min. Value £16/4/0 |
|-------------------------------------|--------|--------|----------------------|-----------------------|
| | | Retail | per doz. | per doz. |
| CLARKE'S BLOOD MIXTURE | | 3/- | 28/6 | 27/- |
| " " " | | 12/- | 114/- | 108/- |
| " " " TABLETS | | 3/- | 28/6 | 27/- |
| CLARKE'S SKIN LOTION | | 1/3 | 12/- | 11/- |
| CLARKE'S MIRACULOUS SALVE | | 1/3 | 12/- | 11/- |
| " " " " | | 3/- | 28/6 | 27/- |
| " " " " | | 5/- | 48/- | 44/6 |
| CLARKE'S APERIENT PILLS | | 1/3 | 12/- | 11/- |
| " " " " | | 3/- | 28/6 | 27/- |
| CLARKE'S MEDICATED SOAP, 3 Tab. Box | { | 2/6 | 8/- | 7/6 |
| Single Tab. | | 1/- | | |

Orders may be assorted as desired at above rates, provided the minimum values reach £4 5s. 6d. or £16 4s. respectively.

CARRIAGE PAID. PACKING FREE.

Terms : Strictly Net. Monthly Account.

THE LINCOLN AND MIDLAND COUNTIES DRUG CO., LTD.

PARK STREET, LINCOLN.

Telegrams : "Lindum, Lincoln."

Telephone : Lincoln 55

URALYSOL

Thyminic Acid — Hexamethylene-Tetramine — Lysidin

TREATMENT of the RHEUMATIC DIATHESIS

IN TABLETS OR GRANULES

RETAIL 4/-

P.A.T.A. Prices 33/- per doz.

From all Wholesalers or direct from:

CONTINENTAL LABORATORIES, Ltd.

30 Marsham Street, London, S.W.1

"Taxolabs, Sowest, London."

Victoria 2041.

"Letters of Mark"—



B.P. BOX'S PILLS

for the
British Public
per the
British
Pharmacist


On P.A.T.A. LIST
In 1/3, 3/-, 5/-, 12/- and 22/- boxes

Box's Pills have a special public of their own—many of whom have had to go considerable distances to obtain their favourite medicine, or to order from Plymouth, for lack of a local source of supply. Pharmacists are now co-operating in distribution of Box's Pills in increasing numbers, and healthy local demand is developing. Stock them and show them and you will sell them. Display outers and other attractive show material free on application.

Obtainable from Wholesalers, or direct from the proprietor

W. H. BOX
GIANT PILL MANUFACTORY 161 King St., PLYMOUTH
Telegraphic Address: "GIANT," PLYMOUTH.

PERRY'S POWDERS



GIVE A GOOD RETURN.
NICE TO HANDLE—EASY TO SELL
Wholesale from PERRY'S POWDERS, Ltd., LEEDS.

WHY ARE YOU IN BUSINESS?

For the Good of Your Health and Profit?

Both are in

CONSTIPON

Get in **NOW** on the Nationally Advertised Line.

You can order **CONSTIPON** from any wholesale Druggists in the Country.

Tablets
3d. 6d. 1/-

**CONSTIPON
GLASGOW**

For OVER 75 YEARS

Dr. J. Collis Browne's
CHLORODYNE

has maintained a

WORLD-WIDE REPUTATION

**TO-DAY'S DEMAND BEING
GREATER THAN EVER.**

**ARE YOU GETTING
YOUR SHARE OF
THIS INCREASE ?**

Be sure you hold stocks
to meet the demand and
remember that

Dr. J. Collis Browne's
CHLORODYNE

IS ONLY SOLD THROUGH CHEMISTS

SIZES 1/3, 3/-

Order from your Wholesaler
with other goods.

SOLE PROPRIETORS :
J. T. DAVENPORT Ltd.
UNION STREET, S.E.1

*Treatment
for*

CANCER

DR. T. ISHIHARA'S

Patent No. 352620 (Great Britain).
Patent No. 88650 (Japan).

P-O-U
HORMONE

A treatment for cancer and erosion of
os uteri, prepared from new endocrine
organs based upon Dr. Ishihara's new
theory of Umbilical Cord Hormone.

Indications

- (a) Cancer of stomach, intestine, uterus,
etc.
- (b) Erosion of os uteri.

Directions for Use and Doses

Doses: 0.3-0.6 gm. (3-6 tablets) per day
administer per os between meals.
Injection: 1 c.c.-2 c.c. per day, Hypoder-
mically.

PACKING

P-O-U { Powder 5 g (code: POUB)
Tablets 50 tab. (code: POUM)
Injection 1 c.c. x 10 (code:
POUH)

For particulars apply to

TRADE



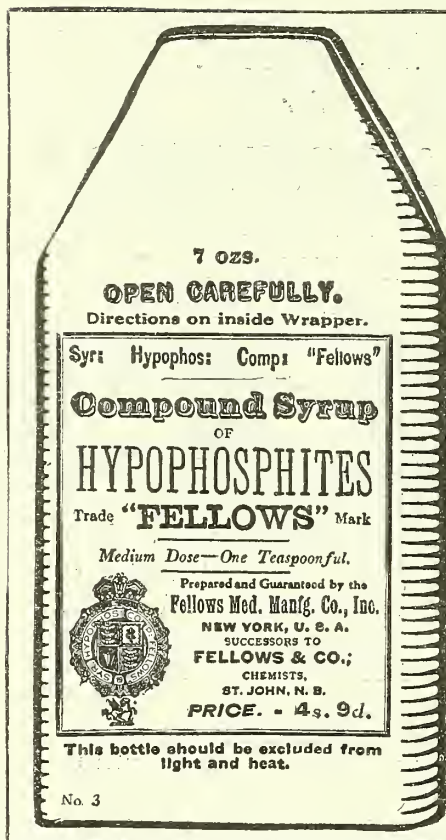
MARK

**Nippon Shinyaku Co.,
LIMITED**

Manufacturing Chemists
KYOTO - JAPAN

Cable Address:
"NIPPONSHINYAKU KYOTO"

Code:
A.B.C. 6th Edition



COMPOUND SYRUP OF HYPOPHOSPHITES "FELLOWS"

TRADE-MARK

Rich in vital mineral salts, including calcium, and two dynamic ingredients, "FELLOWS" gives prompt results.

The good it does is quickly felt:

This explains why chemists always make friends by recommending it.

When a tonic is asked for, or indicated, explain that doctors have prescribed "FELLOWS" for more than sixty years, and that modern medical science approves its formula.

Check your stock today.

Your Wholesaler is ready to execute your order.

RIVISTA ITALIANA DELLE ESSENZE E PROFUMI

(Affiliated to the Technical Press Association.)

FOURTEENTH YEAR OF PUBLICATION

Official Organ of the Group of Producers of Aromatic
Substances of the National Fascist Federation of Chemical
and Allied Industries.

Director : - - - - Dr. EMMA FENAROLI


Editorial Offices : - VIA S. VINCENZO N.38 MILAN

Telephone : 31 216-C.P.850.

Producers of Aromatic Substances for Perfumery—Manu-
facturers of Articles used in the Perfumery Trade—This is
the Periodical in which to Advertise effectively in Italy.

MAKE USE OF ITS ADVANTAGES

SAMPLE COPY AND TARIFF ON REQUEST.



29 YEARS

have now elapsed since a few retail chemists met at a friendly gathering to start their new co-partnership plan under the trade-mark

Rexall

They never in their wildest dreams imagined that the original Rexall membership of forty Chemists would eventually number over 10,000, or that by the year 1932 the sales of one item alone—Rexall Orderlies—would reach over two million packages per annum.

What is more remarkable is that with all the high pressure salesmanship and new ideas in business to-day, no change has become necessary in the policy laid down by the original Rexall Chemists in 1903, affecting either the Exclusive Agency principle or the range of products to be manufactured and distributed on a co-operative basis.

On the occasion of our 29th Anniversary we acknowledge the wisdom of the Rexall founders and the loyal support of the thousands of chemists who have made such a success of their Rexall Agencies.

If there is not a Rexall Agency in your vicinity, and you would like to know something about Rexall and its progressive selling programme for tackling the knotty problems of increasing retail business in 1932, write to:

UNITED DRUG COMPANY LTD. NOTTINGHAM

PETROLEUM JELLIES

WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

WHITE & COLOURED OILS

YELLOW, GREEN, RED FOR BRILLIANTINE, etc.

LIQUID PARAFFINCOLOURLESS, TASTELESS, ODOURLESS.
ALL SPECIFIC GRAVITIES.

B.P. AND TECHNICAL QUALITIES

*Wholesale Trade only.***STERNS LTD.**

Royal London House, Finsbury Sq., London, England

Telegrams: "CENTUMVIR, TELEW, LONDON."

**—ASTOUNDING!**

is the description of a letter we received from a Chemist of whom we were not even aware.

Par. 2 states his sales for the past four years of

RENIPASA similar regular, ever-increasing sale can be built up by every chemist who wishes—
WHY NOT YOU?

Copy of letter willingly sent on request.

Renipas is stocked by principal Wholesalers such as:—

Butler & Crispe, May Roberts, Barclays, Edwards, Newberys, Sangers, Hodders (Bristol), Daniels (Derby), etc.

INTERNATIONAL CHEMICAL ASSOCIATION

115 Fleet Street, London, E.C.4

Memo:**RE-ORDER
ZAM-BUK**

Sole Proprietors: C. E. Fulford, Ltd., Carlton Hill, Leeds.

*Ointment & Medicinal Soap*Telephone:
NORTH 0858WHOLESALE AND EXPORT ONLY.Telegrams:
"Gelatinate, Holway, London."**JOHN TYE & SON, Ltd.**

ESTABLISHED 1845.

IODINE AMPOULES**CAMPBOR AMPOULES****AMYL NITRITE GLASS CAPSULES****GELATINE CAPSULES**

BULK OR PACKED

457 CALEDONIAN ROAD, N.7

It will pay you to push these four

GENATOSAN

6-POINT PRODUCTS

- 1** Genatosan products offer you a very high percentage of profit, particularly when purchased on direct cash terms.
- 2** Genatosan products have the cordial backing of the medical profession and are sold in large measure under medical prescriptions.
- 3** Genatosan Ltd. offer you free display material, carriage paid, whenever you wish to link up your pharmacy with the National Advertising.
- 4** Genatosan Ltd. give you a fair deal, and their products are recognised chemists' lines.
- 5** Genatosan products are expertly and consistently advertised all over the country throughout the year.
- 6** Genatosan products are honest products which do what is claimed for them. Therefore, any Genatosan sale you make means a satisfied customer and repeat orders.

GENOZO
BRAND TOOTHPASTE

GENASPRIN
THE SAFE
BRAND OF ASPIRIN

SANATOGEN
THE TRUE TONIC FOOD

FORMAMINT
WULFING BRAND

GENATOSAN LTD., LOUGHBOROUGH, LEICESTERSHIRE.

Telephone: Loughborough 292.

Telegrams: "Genatosan, Loughborough."

NEW PRODUCTS

now being advertised to the Medical Profession.

BIVATOL (LIPO-SOLUBLE BISMUTH)

Ampoules of 2c.c. Boxes of 12. Retail 7/-. Wholesale 66/- per dozen.

BIOCHOLINE

A solution of Pure Choline Hydrochloride 2cgm. per c.c.

Ampoules of 1c.c. Boxes of 12. Retail 7/6 Wholesale 69/- per doz.

| | | | | | |
|-----|---|------|---|-------|---|
| 25 | " | 15/- | " | 138/- | " |
| 50 | " | 22/6 | " | 210/- | " |
| 100 | " | 37/6 | " | 360/- | " |

HYPOTENSYL

The active principles of Viscum (Gui) with Gland Extracts.

Tablets. Bottles of 50. Retail 4/-. Wholesale 36/- per doz.

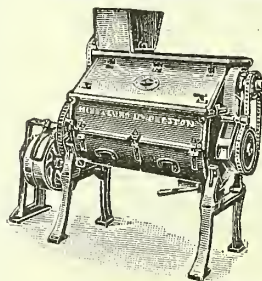
Further particulars
on request from :—**THE ANGLO-FRENCH DRUG CO., LTD.**Telephone : Museum 4029. Telegrams : "Ampsalsvas, London." **238a Gray's Inn Road**
LONDON, W.C.1**BAKELITE STOPPERS**THE ONLY FIRM specialising in the
manufacture of caps for bottles.
Our experts will solve your problems.
Prices are exceptionally competitive
and the quality and service unsurpassed.**MUNDET CORK PRODUCTS, LTD.**

12/18 ABBEY ST., TOWER BRIDGE ROAD, S.E.1

Telegrams : MUNDETCOMP, BERM, LONDON Telephone : HOP 2685 & 3979

**"ATLAS" PATENT
SIFTERS & MIXERS**

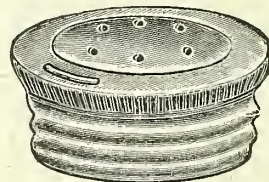
Combined or Separate Machines for hand or power.

**MAKERS OF
BALL MILLS
DRYERS
GRINDERS**

Various Sizes.

HIND & LUNDLIMITED
ATLAS WORKS,
PRESTON

Established 1791

**POWDER
BELLOWS****ALUMINIUM SCREW CAPS**
for Tablet Bottles**Baker Metal Stopper
Co., Ltd.,**RELANCE STOPPER WORKS,
261 Icknield Street,
BIRMINGHAM.Telegrams :
"Screwcap,
Birmingham."Telephone :
Northern 1562**SPRINKLER
CAPS****& SCREW CAPS in all metals**
including Nickel Silver and Gilt for Face
Cream Pots, Frozen Cologne Containers, &c.

P.A.T.A. PRICES**DAISY POWDERS**

7½d. size (4 powders) 5/- per doz.
 10½d. size (6 powders) 7/6 per doz.
 2/9 size (20 powders) 23/- per doz.
 Half Gross Boxes (72 powders).... 6/10 each

DAISY BRAND TABLETS

(Unstamped)

6d. size (under 1 dozen) 4/6 per doz.
 6d. size (per complete dozen on
 display rack) 4/- per doz.
 1/3 size (36 Tablets) 10/- per doz.

Note.—Orders value £1 1 0 upwards for Powders
 or Tablets (or Assorted) less 5% discount.

★ The above prices show remarkable profits, especially the one guinea parcel which gives retailers **58% PROFIT** on outlay with Daisy Tablets and small size Daisy Powders (sold intact), whilst the half gross box for split bulk shows retailers no less than **85% PROFIT** on cost.

MAKE UP A ONE GUINEA ORDER TO-DAY
 AND SEND TO YOUR REGULAR
 WHOLESALE OR DIRECT.

HEAVY NATIONAL ADVERTISING



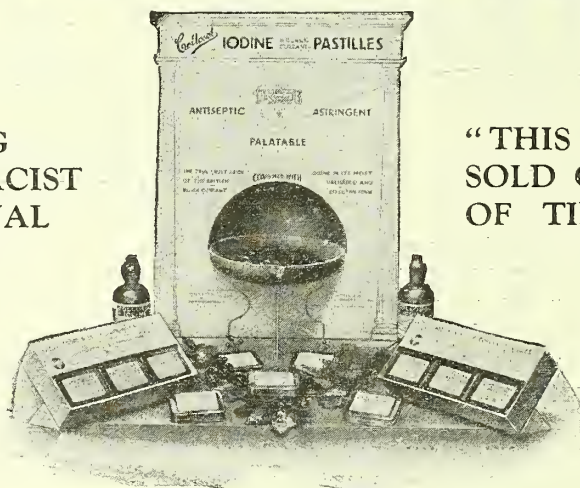
HUGE PROFITS



J. E. ELLIS, LTD.
HORSFORTH
LEEDS

A SECOND SEASON OFFER*Colloso's*
BRAND

IODINE & BLACK CURRANT PASTILLES

YIELDING
THE PHARMACIST
EXCEPTIONAL
PROFITS."THIS DISPLAY HAS
SOLD OVER A GROSS
OF TINS A WEEK."*A Customer*Height 24 ins.
Width 24 ins. to
30 ins.
Depth 18 ins. to
24 ins.FOR SPECIAL BONUS TERMS APPLY TO
THE CROOKES LABORATORIES

(BRITISH COLLOIDS LIMITED)

Telephones (5 lines):
Wilkesden 6313

GORST ROAD, PARK ROYAL, LONDON, N.W.10

Telegrams:
Colloso's, Harles, LondonWholesale
Prices1/3 Size
11/6 per dozen net
3/- Size
27/6 per dozen netCarriage Paid Gross Quantities
or equivalent.

Manufactured only by

J. F. WHITE & CO., Chemists
BENSON STREET, LEEDS.**BUDNIP REMEDIES**—are excellent preparations—You can recommend them with
every confidence—They show very good profits. Ask us for
special terms. From your usual wholesaler, or direct from**BUDNIP Ltd., Budnip House, OLDHAM**

Telephone - - - Oldham 2136

THE PRESCRIBER*A Monthly Review of Medical Science*

Most useful to the progressive Pharmacist.

FEBRUARY 1932—THE ANÆMIAS*The latest Developments. 2s. post free.*

Through any Medical Bookseller, or direct from:—

"THE PRESCRIBER" Offices, 13 Glencairn Crescent, Edinburgh, W.

AN OLD-FASHIONED—BUT REALLY EFFECTIVE
remedy for **COUGHS, COLDS, IN-
FLUENZA** and **BRONCHIAL** troubles.**Licoricine**
ACTS LIKE MAGIC

Prices 10½d., 1s. 3d. and 3s.

MANDALL & CO. Ltd., 17/23 Stepney Rd., Newcastle-on-Tyne.

LIVERPOOL BRANCH: 130/132 RICE LANE, LIVERPOOL (Telephone: 59 Walton).

Distributing Depot for Lancashire and Cheshire.

TERMS.

10½d. size, 8/6 per doz.
1/3 " 12/- "
3/- " 27/- "

Less 5% dis. on 20 orders.

Carriage paid on orders of
£2 and over.

POPULAR



RELIABLE

*Utmost Confidence
may be placed in*

**“UCAL”
“Safety First”
IODISED
Throat Lozenges**

Manufactured by - “Qualified Chemists”
For Sale by - “Qualified Chemists”

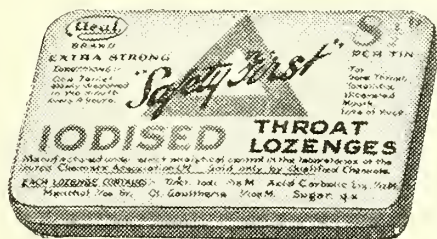
**The Supreme Iodised Lozenge
giving the Maximum of Profit**

51' - PROFIT PER GROSS | 50% PROFIT ON TURNOVER

Sold only by Qualified Chemists.

Price Protected — Sale Protected — Profit Protected.

ORDER YOUR SUPPLIES NOW.



8 1/2 d. Size:
COSTS - 4/6 doz.
12 doz. - - 4/3 „

1/3 Size:
COSTS - 7/6 doz.
3 doz. - - 7/- „

“UCAL”

CHELTENHAM.

LONDON, Keith Grove, W.12. Shepherd's Bush 3437

Phone 3021

DOCTORS ARE NOW PRESCRIBING

"Alphidine"

(NON-TOXIC IODINE)

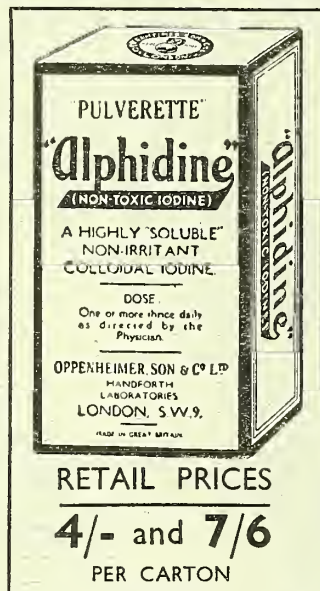
(GOVETT PATENT)

THE NEW OPPENHEIMER PRODUCT

"ALPHIDINE" IS A NON-TOXIC NON-IRRITANT PRODUCT OF AN ALLOTROPIC COLLOIDAL IODINE.

The difficulties and restrictions imposed by the TOXIC and irritant PROPERTIES of iodine ARE NOW REMOVED.

Clinical tests in some of the largest London Hospitals establish the non-toxicity and high therapeutic activity of "ALPHIDINE" in Hypothyroidism, Toxæmias, Rheumatic conditions; in fact, IN ALL THOSE CASES WHERE IODINE OR THE IODIDES ARE INDICATED.



RETAIL PRICES

4/- and 7/6

PER CARTON

OPPENHEIMER SON & CO. LTD.

Handforth Laboratories - CLAPHAM ROAD, LONDON, S.W.9

For Colds,
Influenza,
Neuralgia
and all
Nerve
Complaints



Greenwich

ORANGE QUININE TONIC POWDERS

7 FOR 6D.

Health,
Strength and
Vitality
regained
Creates
Appetite

THE TONIC AND COLD CURE

Sells all the year round

Retail 3d., 6d. & 1/-

Write for 100% Profit Terms

MILNER & COKE

LIMITED

11 John Penn St., London, S.E.13

If You Saw the Post Repeat Orders
YOU would be SURPRISED
at the trade you are losing by not stocking

SIMPKIN'S

GLUCOSE BARLEY SUGAR

(As in all SIMPKIN'S
CHEMISTS' CONFECTIONERY)

DEXTROSE (refined to MEDICINAL
STANDARDS in powder form) IS
INCORPORATED with LIQUID
GLUCOSE.

2d. sticks. Tablets at 6d. quarter
and 1/- to 5/- bottles.



EXCLUSIVE TO YOU
THE CHEMIST ONLY

GOOD PROFITS
NO DEAD STOCK.

We have a System to prevent this.

SOLD IN 5,000 CHEMISTS' SHOPS.

Showing at the Chemists' Exhibition.

WRITE

A. L. SIMPKIN & CO., Ltd.

Chemists' Confectionery Works,

SEDAN ST.
SHEFFIELD

London Office and Depot:
11 Creechurch Lane, E.C.3

AN ANTI-FLU CRUSADE IS NOW ON

STICK UP YOUR STICKERS PUT IN YOUR WINDOW-SHOPS



Business is stirring—health service is required. There are ten times more people needing 'ASPRO' at the present time than at most times. We are alive to it—OUR ANTI-FLU CRUSADE IS IN FULL SWING. Our advertising appropriation has been increased commencing with half pages in the leading dailies—featuring colds, 'flu and rheumatism. Altogether 32 MILLION PEOPLE are being appealed to through over 300 papers. You can obtain TREMENDOUS business NOW by keeping in your 'ASPRO' window-show and putting up window stickers to make contact with this great advertising and sales creating movement.

HERE ARE SOME OF THE SEASONAL ADVERTISEMENTS NOW APPEARING



'ASPRO' consists of the purest Acetyl Salicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Agents: **GOLLIN & CO. PTY. LTD.** ('Aspro' Dept.)
SLOUGH, BUCKS.

Telephone: SLOUGH 608

Made by ASPRO LTD., SLOUGH, ENGLAND.

No proprietary right is claimed in the method of manufacture or the formula.

'ASPRO'
REG. TRADE MARK



The superiority of Cod Liver Oil

Leading authorities have recently proved by the most thorough researches that a certain number of units of natural Vitamin D administered in Cod Liver Oil are far more effective in the treatment of rickets than the same or even double the quantity of these units in the form of irradiated Ergosterol.

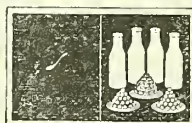
This shows that the position occupied by Cod Liver Oil in therapy remains impregnable, and it seems unlikely that any artificial product will ever succeed in fully replacing nature's own medicine, which has been used for centuries on account of its unique curative properties.

The world famed Norwegian Cod Liver Oil, being under direct supervision of the Norwegian State, always maintains its high quality.



See that this
seal is on
every barrel.

A TEASPOONFUL OF
NORWEGIAN COD
LIVER OIL CONTAINS
MORE VITAMINS THAN



ALL THE BUTTER AND
MILK ANY INDIV-
IDUAL CAN EAT AND
DRINK IN A DAY

Norwegian Cod Liver Oil

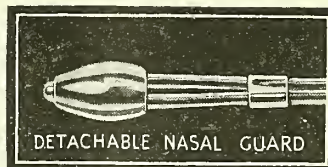
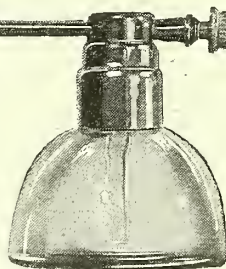
National Committee for Promoting the Consumption of Norwegian Cod Liver Oil, Post Box 226, Bergen, Norway.

1

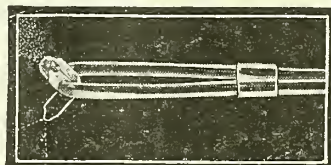
ITS AN ILL WIND...

... that cannot blow the enterprising Chemist a power of good if he is prepared for it. The "spray-way to health" is widely prescribed by Doctors and the DeVilbiss No. 15 Nose and Throat Spray is just the line for customers who ask you for "something for a cold."

Stock and recommend DeVilbiss Sprays this winter. Attractive show material free on request.



DETACHABLE NASAL GUARD



Note the adjustable gold tip for spraying in any direction.



DeVilbiss SPRAY N°15

AEROGRAPH CO., LTD., 43 Holborn Viaduct, London, E.C.1. Sole Distributors of DeVILBISS products in the U.K.

We have minimised production costs by equipping our Works with the most up-to-date machinery.

These Tubes are of the highest quality and finish combined with as low prices as any house in the Trade.



Samples and Quotations on request.

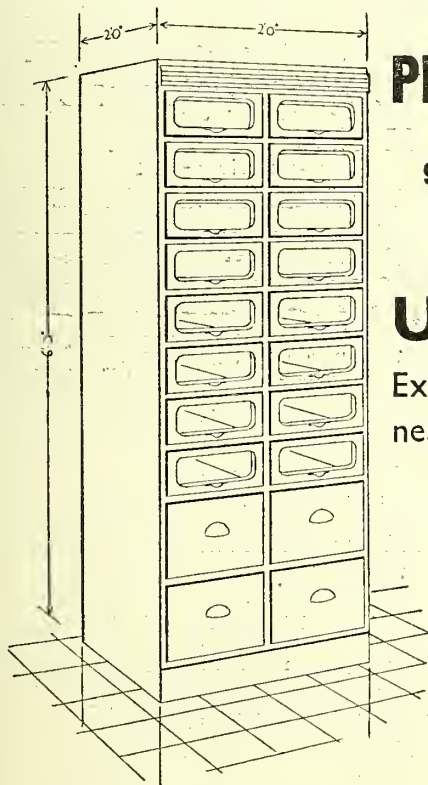
Best Service and Delivery.

ESTABLISHED 1857

BETTS & CO. LTD.

1 WHARF ROAD, CITY ROAD,
LONDON, N.1.

New Zealand Agents: NEILL, CROPPER & CO., Dilworth Building, Auckland, New Zealand. (P.O. Box 74, AUCKLAND).



PHILIP JOSEPHS & SONS LTD.

SHOP FITTERS

90-92 ST. JOHN STREET, CLERKENWELL,
LONDON, E.C.1

Telephone No. - - - CLERKENWELL 2191

UTILITY CABINET

Excellent for display, quick serving, cleanliness, storage and handsome appearance.

£9 : 10 : 0

PACKED FREE

6 FT. HIGH, 2 FT. SQUARE; OAK OR MAHOGANY
FRONTED; 16 GLASS FRONTED DRAWERS;
4 STORAGE DRAWERS ALL FITTED WITH
BRASS HANDLES.

Pharmacy Fitters for over a Century.

A Customer Magnet for your window



If this attractive 4 plane cut-out show-card, lithographed in 10 colours, is exhibited in your window for two weeks you will qualify for a bonus of 1 dozen boxes Rendell's Pessaries.

Please write for full particulars and conditions of this offer.

RENDALL'S PESSARIES

Reputation Tells!

SANITARY TOWELS

made by

The ORIGINAL and Most Popular
The "K." All wool in knitted cover, very soft.
The "CELTEX." Made of Cellulose for easy disposal.

FROM YOUR WHOLESALE HOUSE, PLEASE

SOUTHALLS

MORFI RUBBER PRODUCTS

KAYDOR LTD.

30 Howland Street

Telephone: Museum 9143.

LONDON, W.1

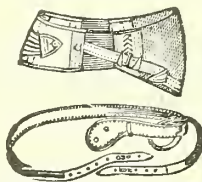


Forster's Eldon Vapouriser FOR USE WITH NIGHT LIGHT

Retail, 1/9. Wholesale, 15/-.
Also Forster's "Fenolia Fluid" For Whooping Cough.
Write for particulars
HALL, FORSTER & CO., Ltd., Newcastle-on-Tyne.

J. H. HAYWOOD, Ltd.

Established 1833



SPECIALITIES FOR WINTER.

ELASTIC HOSIERY (Seamed and Seamless), TRUSSES (Spring and Elastic), SUSPENSORY BANDAGES, BRACES, LADIES' AND GENT'S ABDOMINAL BELTS for support and warmth, made in felt, flannel and fleecy.

CHEST PROTECTORS, SLEEPING SOCKS, INDIA-RUBBER AND AIR-PROOF GOODS, NURSING REQUISITES, DRUGGISTS' SUNDRIES, &c.



PRICES ON APPLICATION

Surgical Appliance Manufacturers.
Castle Gate, NOTTINGHAM

Telephone: 40438 NOTTINGHAM.

Telegraphic Address: "APPLIANCE, NOTTINGHAM."



Your Interest—

THE HOUSE OF SAVORY & MOORE, Ltd.

(Incorporating John Bell & Croyden)

announces to its many Pharmaceutical Friends a New Product which develops a field largely neglected in the past—now easily handled and a valuable source of business

TO PHARMACISTS

The following features will appeal to all seeking new business outlets :

- (a) An Outfit complete in every detail is offered without the tiresome sequence of returned Towels, Surgeon's Coats, etc.
- (b) The customer appreciates the knowledge she is buying the exact requirements for the purpose, as used by eminent Medical Practitioners.
- (c) The Medical Interest is immediate, offering a practical solution to a difficult problem.
- (d) The dressings supplied are of highest quality.
- (e) The dressings are guaranteed to be sterile and offered in hermetically sealed drum.
- (N.B.—Many Outfits fail to conform to this Specification.)
- (f) It is not necessary to carry an extensive Stock. The Outfit meets all average needs.
- (g) The Drum serves as an introduction to much other accessory business.

An Introduction to the Medical and Nursing Profession in your area will bring custom to your Pharmacy.

COST **16/9** EACH

Carriage paid on 3 Drums.

MAY WE SEND YOU PARTICULARS?

OBTAINABLE FROM YOUR WHOLESALER

OR FROM

SAVORY & MOORE, LTD.

Incorporating John Bell & Croyden

Sales Office: 50-52 WIGMORE STREET
LONDON, W.1

Telegrams :
"Instruments,
Wesdo, London."

Telephone :
Welbeck 5555
12 lines

A NEW PRODUCT
WHICH FILLS
A NATIONAL NEED

SAVORY & MOORE'S
Guaranteed

Sterilized Dressings

In Hermetically Sealed Drums

FOR ACCOUCHEMENT

CONTENTS

| | |
|------------------------------|-------------------|
| 1 Surgeon's Face Mask | Umbilical Pads |
| 3 Hand Towels | Thread |
| 1 Batiste Sheet | Plain Gauze |
| Accouchement Sheet 32" x 24" | Absorbent Wool |
| 18" x 18" | 1 Binder |
| 1 doz. Gauze Pads | 6 Sanitary Towels |

Each article is packed in the order required by the Surgeon or Nurse.

Price 21/- per Outfit

Each Outfit is sold under the Guarantee of
Savory & Moore, Ltd.

Contents in drums remain aseptic indefinitely.

Awarded Certificate by
The Institute of Hygiene
for Purity—Quality—Merit

"Gladio"
Regd

MEDICATED
TOILET ROLL

Costs 4^d



BRITISH
MADE

Sells 8^d

Sales
restricted
to Chemists

You are sure of
repeat orders
by selling

"GLADIO"

Made of the finest
quality Manilla Paper.
Free delivery. Packed in cartons
Free Sample Roll on application

Each Roll 12 oz.

Sole Manufacturers:

J. RUTHERFORD & Co. L^d

VICTORIA PAPER MILLS
VICTORIA RD. HOLLOWAY, LONDON, N.7

CONTRACTORS TO H.M. GOVERNMENT

Display

NORVIC Reg'd.

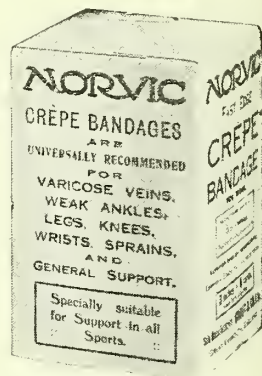
and increase your
CRÊPE BANDAGE

Sales

Entirely
British
Made

P.A.T.A. PRICES

| | Cost | Sell |
|-----|------|------|
| 2" | 12/- | 1/6 |
| 2½" | 15/3 | 1/11 |
| 3" | 18/3 | 2/3 |
| 3½" | 21/3 | 2/8 |
| 4" | 24/3 | 3/- |



Stocked by all the leading wholesalers.

Attractive showcards free on request.

Sole Manufacturers: Grout & Co., Ltd., 35 Wood St., E.C.2.

Best sellers
The

public is asking
for **ZEAL**

**CLINICAL
THERMOMETERS**

because they are:-

**GUARANTEED TO
STAY ACCURATE**

**CONSISTENTLY
ADVERTISED**

Made by

ZEAL

-the name the
public knows.

G. H. ZEAL, LTD.,
75 & 77, St. John St., London, E.C.1.



THERE IS PROFIT IN FOOT TROUBLES!

At least 7 out of 10 people who come into your shop suffer from foot trouble. This is a conservative estimate based on statistics gathered by SCHOLL'S in the course of over 26 years of experience.

A large proportion of these foot troubles are minor ones that do not require mechanical correction by Arch Supports ; but **do** call for treatment by one of the range of Dr. Scholl's Foot Comfort Specialities. Are you capitalising this fact ?

SCHOLL ADVERTISING EDUCATES THE PUBLIC

Year in, year out, ceaseless Scholl Advertising and propaganda makes the public ever more and more "foot-conscious." Consequently—let the public know you can advise them on their foot troubles—and you will build up a profitable business that will continually increase.

Do not be content to supply only Dr. Scholl's Zino-pads for Corns. Corns are not the only foot trouble !

SCHOLL'S WILL HELP YOU!

The Scholl Mfg. Co., Ltd., will advise and help you—show you how to build up a Foot Comfort business and a reputation for Foot Comfort Service. Why not write to-day for information—that costs you nothing ! Dr. Scholl's Foot Comfort Specialities are supplied by your Wholesaler ; but write for information on the proved possibilities of Foot Comfort to

THE SALES MANAGER,
THE SCHOLL MFG. CO. LTD.
188-194 St. John Street, London, E.C.1

PHARMACEUTICAL

W HIGHEST

DISPENSING
BOTTLES
CHEMISTS
ROUNDS
FEEDING
BOTTLES
SOXHLET
BOTTLES
EYEBATHS

SPRINKLER
BOTTLES
OPAL AND
FROSTED
GLASSWARE

QUALITY
GLASSWARE

K. GRAHAM

DESIGNERS & MANUFACTURERS
OF GLASSWARE FOR PERFUMES
COSMETICS AND BATH SALTS

**WOOD BROS. GLASS CO.
LIMITED**

(ESTABLISHED 1828)

BARNSELY . . . ENGLAND

"Adaptocaps"

*will give
your bottles
Distribution*

These Dry Bottle Caps are made in all sizes and colours, clear and opaque. They are Self Sealing, of unrivalled quality and BRITISH MANUFACTURE. Special low rates for large contracts. Let us quote you.

The London Capsule Co
EMPIRE WORKS, MITCHAM RD., CROYDON
Telephone: Thornton Heath 3014

*Medical, Surgical and
Scientific.*

Wholesale and Export only.
Inquiries invited.

**BRITISH MADE
GLASSWARE**
FOR ALL DRUGGISTS' SUNDRIESMEN

NIPPLE
SHIELDS,
IRRIGATORS,

Eye & Nasal Douches,
Syringes & Surgical
Glass Instruments.

POULTEN, SELFE & LEE Ltd.
Harley Street, Bow Road, London, E.3.
Phone: East 6332, 6333.

NOW BRITISH MADE
WAGNER'S DRY BOTTLE CAPS
BEST IN QUALITY & APPEARANCE



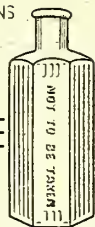
33 BROOKE ST., LONDON, E.C.1 Tel.: Holborn 5090

BOTTLES

KALIS



LIMES



POISONS

**ENQUIRIES
INVITED**

*Pale
White and
Actinic Green*

REDFEARN BROTHERS LTDGLASS BOTTLE MANUFACTURERS
BARNSELY, YORKS.

CORKS

for Chemists.

Send us your Enquiries
and compare our prices.*Wholesale and Export.***C. OLLEY & SONS, LTD.**

Established 1844.

Camperdown St. and Gt. Alie St., London, E.1

Tel. No. Royal 2868. Tel. Ad. "Circumference, Ald, London."

METALLIC CAPSULES
FOR ALL KINDS OF BOTTLES AND JARS.**The Tonkin Metallic Capsule Co.**

Proprietors: C. Olley & Sons, Ltd.

VISKRINGS

THE NEW BOTTLE SEAL

**EFFICIENT**A perfect Seal and
of a strength to
withstand commercial
handling.**ECONOMICAL**Low cost & no extra
expenses involved.**HYGIENIC**Made of a pure and
harmless material.**ATTRACTIVE**Of good appearance
and dyed to
suit your pack,
and can be printed
if desired.**VISKRINGS are****BRITISH**

Where
you use
a screw
cap or
other form
of closure
that can be
easily opened
and used again,
your customers
want assurance that
the contents are
intact. You must, therefore,
safeguard the public
and your own Product, and
the "VISKRING" is the British
and best way of doing this.

AT STAND B119
IN THE CHEMICALS
SECTION OF THE
GRAND HALL.**VISCOSE DEVELOPMENT CO., LTD.,**
Woldham Road, BROMLEY, Kent.Telephone
Ravensbourne 4561.Telegrams
"Viscose, Bromley"

... *Win More Sales With*
"WINNING COLOURS" Dyes!

Packed in
Glass Tubes and
Attractive Cartons.

RETAIL AT

2d.

PER PACKET.

Cost **16/-** per gross.

Terms: 2½% 7 days.
Carriage Paid.

Attractive Show Matter
and Leaflets Supplied.

Send a *TRIAL ORDER*
to your *Wholesaler*.

(with the Little Secret)

**DOUBLE STRENGTH SUPER
DYES**

for successful *HOME DYEING* of all
Dress Materials, Stockings and Household Fabrics

Manufactured by

THE UNITED INDIGO & CHEMICAL CO., LTD., HUDDERSFIELD

"WINNING COLOURS"

will dye any dainty
fabric without risk of
damage or mishap in the
hands of the amateur
dyer.



"WINNING COLOURS"

dye with a perfectly
even tint --- no cloudy
effects, spots or blotches.
The ideal fast dye for all
materials.

The UNITED INDIGO & CHEMICAL Co. Ltd.
HUDDERSFIELD - - - YORKSHIRE

SALES AGENTS FOR SOUTHERN ENGLAND:—

THE PHIL-SANO CO., LTD., CRAVEN HOUSE, KINGSWAY, LONDON, W.C.2

We invite your enquiries for

**WATER
GLASS**

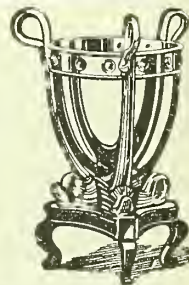
□ □ □

FULL STRENGTH
ATTRACTIVE LABEL
LEVER LID TINS

□ □ □

NEWBALL & MASON, LTD.
NOTTINGHAM.

*In the last
5 years
the sales of*



TOWN TALK

**LIQUID SILVER POLISH
& SILVER PLATE CLOTH**

have increased
3 Fold

Get your share of the
trade by ordering from

JAMES WOOLLEY, SONS & CO., Ltd.,
Manchester
 AYRTON, SAUNDERS & Co., Ltd., Liverpool
 BRIGGS & WARBURTON (American Drug
Supply Co.), Ltd.

Town Talk Polish Co.
 Whitby St., Bradford Road, Manchester

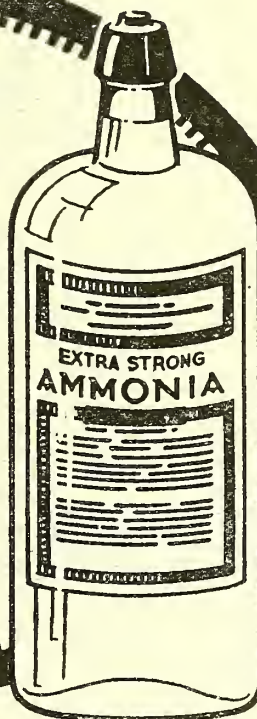


PARTICULARS ON APPLICATION EXTRA STRONG AMMONIA

Ammonia is being used much more widely now than in former days, not only for household purposes, but for the toilet, nursery, etc. We can supply this commodity at a price low enough to attract the housewife, and yet leave a good profit for the retailer.

Attractive showcard with every order.

THORNTON & ROSS, LTD.
Manufacturing Chemists
MILNSBRIDGE, HUDDERSFIELD



Continuous and Steadily Advertised Goods
FOR DESTROYING RATS AND MICE

DANYSZ VIRUS

| Retail Price (Protected). | Net Wholesale Price |
|---|---------------------|
| Virus for Rats and Mice, single tube, 2/- | 15/- per doz. |
| 3 tubes, 5/- | |
| Virus for Mice only - single tube, 1/6 | 9/- " " |
| 3 tubes, 3/- | |

Date-expired tubes returned to us postage paid will be exchanged free of charge.

Danzysz Virus in Liquid Form

| Retail Price | Wholesale Price |
|------------------------|-----------------|
| Quart Bottles 6/- each | 4/6 each |
| Pint " 4/6 each | 3/9 " |

HALLER'S EXTRACT OF SQUILL and DANZO RAT KILLER

Discount off Retail Prices 25% Monthly Account, or 33 1/3% cash with order.

| Retail | Monthly a/c | Cash with Order |
|------------------------|-------------|-----------------|
| 1/2 gall. tins .. 10/- | 7/6 | 6/8 |
| 1 " " .. 18/- | 13/6 | 12/- |
| 5 " " .. 80/- | 60/- | 53/4 |

DANZO BEETLE POWDER

| For destroying Blackbeetles, Cockroaches, Crickets, &c. | | Wholesale prices per doz. |
|---|--|---------------------------|
| Retail Prices (Protected) | | In boxes of 2 doz. 2/1 |
| In tins 3d. | | |
| " 6d. | | 1 " 3/8 |
| " 1/- | | 1 " 7/3 |
| " 2/6 | | 1 " 18/- |

Danzo Beetle Powder will not deteriorate by keeping.
CARRIAGE PAID ON ALL ORDERS.

To be obtained from

HALLER LABORATORIES, LTD.
325 Borough High Street, LONDON, S.E.1

Telegrams. "Virudena, Sedist, London."

Telephone: Hop 2717

HARVEY'S

Watts' Embrocation, or Curb Bottle.
Aconite Powders.
Worm & Condition Powders.
Watts' Red Lotion.
Hair-Restoring Ointment.
Edos, or Tasteless Purging Powder.

HARVEY'S

Great

Protected Prices
(P.A.T.A.)

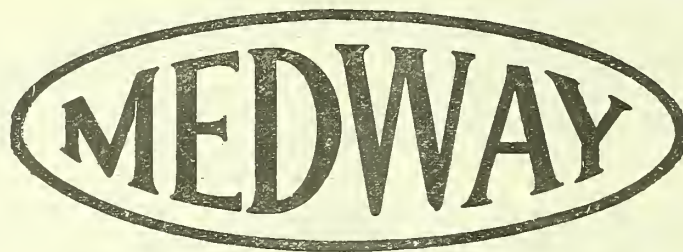
Remedies for the Horse



HARVEY'S

Koppas Powder.
Parasiticide.
Thrush Specific.
Hoof Ointment.
Skin Specific for Dogs.

Of all the leading Druggists' Sundries Houses
HARVEY & COMPANY, Ltd., Dublin



CORRUGATED PAPERS

(in rolls up to 78 inches wide)

PIECES, BOARDS & BOXES

*All corrugated productions
are manufactured from our own British made
strawpaper, produced from British
raw materials only.*

The Medway Corrugated Paper Co. Ltd.

London:
Blackfriars House
New Bridge St.
E.C.4.

*Telephone: Central 8482
Telegrams: "Corrugated
Lud, London."*

*British
Throughout*



Provincial:
Tovil,
Maidstone,
Kent.

*Telephone: Maidstone 4168
Telegrams: "Corrugated
Tovil."*

TRADE



MARK

WRIGHT'S COAL TAR SOAP

WRIGHT'S LYSOL

WRIGHT'S DISINFECTING FLUID

THREE LINES OF MERIT.

Show Material on Request.

BRITISH MADE

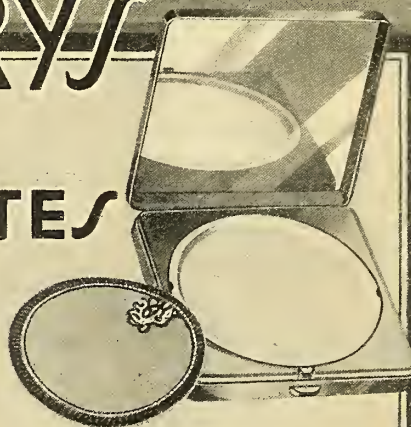
BRITISH OWNED

WRIGHT
LAYMAN & UMNEY
LIMITED
SOUTHWARK, LONDON

DUBARRY'S NEW POWDRETTES

MOULDED
WITH
AS PERFECT
PRECISION
AS IF
MADE
IN
PRECIOUS
METAL

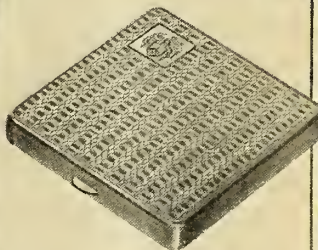
MADE TO LAST
YET LIGHT
ENOUGH
FOR MODERN
TASTE
THE SPRING
FASTENING
PERFECT
IN ACTION



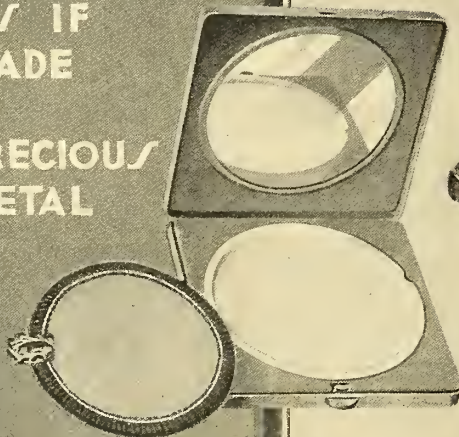
SQUARE
CASE
"PLATINOID"
FINISH



OF
EXQUISITE
FINISH
&
DESIGN



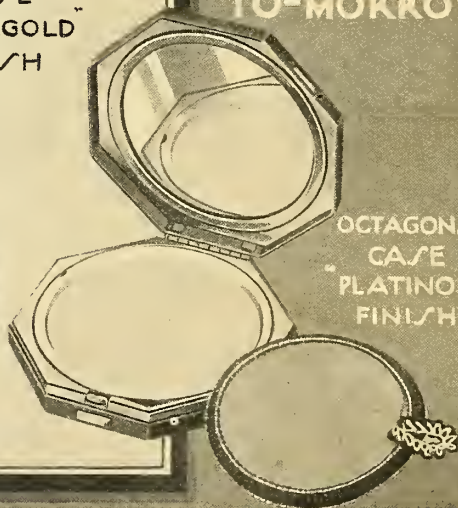
SQUARE
CASE
"PERMAGOLD"
FINISH



MODERN AS
TO-MORROW



OCTAGONAL
CASE
"PLATINOID"
FINISH



DUBARRY BROMPTON RD LONDON

**NO ADVANCE
IN PRICES**

RETAIL **2/6** EACH
(each in presentation case)

These beautifully finished BRITISH-MADE COMPACTS are superior to those of foreign manufacture selling at 4/6. Let us send you a sample one of each model for 5/- (post free) so that you may compare them yourself.

See these **NEW POWDRETTES** at the **BRITISH INDUSTRIES FAIR**
DUBARRY STAND, Nos. B86 and B112, Grand Hall, OLYMPIA.

THE CHEMIST AND DRUGGIST SUPPLEMENT

28 ESSEX ST.
LONDON, W.C.2

FEBRUARY 27, 1932.

This Supplement is inserted in every copy of The Chemist & Druggist.

THE CHEMIST AND DRUGGIST SUPPLEMENT

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for **DISPOSAL, PREMISES TO LET, PREMISES WANTED, PARTNERSHIPS, GOODS for SALE and AGENCIES**—6/- for 50 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)
SITUATIONS OPEN—6/- for 40 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)
SITUATIONS WANTED—2/- for 18 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)
LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, 1/3 per nonpareil line (12 lines=1 inch single column). (Box No., 1/- extra.)
MISCELLANEOUS (Wholesalers') Section for odd and second-hand lots—10/- for 60 words; 1/- for every additional 10 words or less. (Box No., 1/- extra.)
EXCHANGE COLUMN (for Retailers, etc.)—**Twopence** per word, minimum 2/- (Box No., 1/- extra.)

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2

Telephone: Central 6565 (8 lines). Telegrams: "Chemists, Strand, London."

CLOSING FOR PRESS.

ALL ADVERTISEMENTS INTENDED FOR
INSERTION IN THIS SUPPLEMENT

MUST REACH US
NOT LATER THAN

FIRST POST THURSDAY MORNING.

ORRIDGE & CO.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846

Telephone No.: CITY 2283

May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

1.—**PUTNEY (Near)**.—Good-class Retail and Dispensing Business, with Kodak Agency and N.H.I.; also Optical connection; returns from pharmacy last year £2,080, which produced a net profit of £450; in addition to this £100-£130 net profit from Optical; double-fronted shop, well fitted and stocked; 5-roomed house with bathroom; long lease; rent £80; price £1,300.

2.—**DEPTFORD**.—Drug Store with Photographic and Tobacco; established 50 years; returns average £4,000 per annum; present rate between £80 and £90 per week; chartered accountant's figures; oak fixtures; living accommodation; new lease will be granted; price £2,700, all at.

3.—**KENT SUBURB**.—Mixed cash trade, with Kodak Agency; returns last year £1,375, with net profit £398; single-fronted shop, fitted in mahogany and plate glass; stock and fixtures estimated to be worth £450; lock-up shop; rent £1 weekly; long lease. Vendor wishes to sell forthwith and will accept part payment.

4.—**ESSEX SUBURB**.—Quick Cash Retail Business for disposal; N.H.I. £6-£9 monthly; returns last year £2,148, under management; good profits; vendor estimates value of stock and fixtures at £1,265; rent £150; sub-let £80; long lease; price for quick sale £1,350.

5.—**CROYDON**.—Good-class Retail and Dispensing Business situate in very nice locality; double-fronted shop, well fitted and stocked; returns £1,500 per annum, with scope for increase under more energetic management; vendor owns the property and will grant a lease; living accommodation; price £1,300; stock and fixtures worth between £1,000 and £1,100.

6.—**NORWOOD (Near)**.—Old-established Business for Sale on account of death; returns last year £1,445; net profit £375; stock and fixtures worth £650; 21 years' lease; rent £85 per annum; sub-let 35s. weekly; price £875, of which £500 can remain over a period to be agreed.

7.—**FOREST GATE (Near)**.—General Retail and Dispensing Business, with N.H.I.; returns, under management, between £25 and £30 weekly, plus N.H.I., 300 monthly; stock and fixtures estimated to be worth £500; small living accommodation; rent £60 per annum; 20 years' lease; price £850.

8.—**EAST COAST**.—Good medium class Retail and Dispensing Business with N.H.I.; returns approximately £3,000 per annum with net profit about £700; scope for increase; good living accommodation; net rent £90 per annum; very long lease; price £2,600. Further details on application.

9.—**HOME COUNTY**.—Good-class Retail and Dispensing Business; returns last year exceeded £4,300; double-fronted shop in main road; stock and fixtures worth about £2,000; held on renewable lease; price £3,500, or valuation terms entertained.

10.—**SOUTH COAST**.—General Retail and Dispensing Business with N.H.I. and Photographic; returns last year £1,613, increasing; stock and fixtures estimated at £720; living accommodation; private entrance and small garden; rent £35; held on lease; price £1,100.

11.—**LLANDRINDOD WELLS (Near)**.—For immediate disposal on account of death, good-class Business with average turnover of £3,500 per annum; double-fronted shop in main street; stock and fixtures worth over £2,000; good living accommodation; new lease will be granted at moderate rent; less than value of stock and fixtures will be accepted for a quick sale.

12.—**SOUTHERN CITY**.—Good-class Retail and Dispensing Business with small Optical connection; returns approach £2,600 per annum, of which about £150 is from Optical; ample living accommodation; held on long lease; optical stock and fixtures need not be taken over unless required; price £500 for goodwill, plus valuation of stock and fixtures.

13.—**BERKSHIRE**.—Good-class Retail and Dispensing Business; returns £2,000 per annum, with gross profit £800 and net profit £600; scope for increase; double-fronted shop in main road, well fitted and stocked; rent of shop £100 per annum; modern flat over, the rent of which is £40 per annum; long lease; price £400 for goodwill, plus valuation of stock and fixtures. Further details on application.

14.—**BROMLEY**.—Good-class Retail and Dispensing Business with Kodak Agency and small amount of N.H.I.; returns approximately £2,900 per annum; good profits; chartered accountant's figures; double-fronted shop, nicely fitted and amply stocked; rent £65 per annum; valuation terms entertained.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

SPECIAL TERMS FOR INCOME TAX VALUATIONS

BERDOE & FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

1.—**BERKSHIRE**.—First-class Family Retail and Dispensing Business, in very best position; returns average over £4,000; net profit £800 to £1,000; stock and fixtures worth over £2,000; price £3,500, or near offer.

2.—**HANTS COAST**.—Good-class Business showing steady increase; returns approach £1,800; modern pharmacy, in good position, well fitted and stocked; long lease; price £1,200.

3.—**HOME COUNTY (Few Miles Out)**.—Good-class Chemist's, with Stationery and Newspapers; returns over £2,400; net profit about £600; large shop with house; good stock; price £1,200.

4.—**KENT COAST**.—Good-class Retail, with Optics, in best position in town; returns approach £2,000; modern pharmacy, with living accommodation; valuable lease; valuation terms arranged, about £1,500.

5.—**NORFOLK**.—Neglected Chemist's Business, in central position of busy town; present returns £20 to £22 weekly; plenty of scope; handsome modern corner pharmacy; well fitted and stocked; price £525; worth attention.

6.—**NORWOOD**.—Light Family Retail, with good Photo connection and N.H.I.; returns last year £1,185; net profit £355; scope for increase; rent £85; sub-let £91; long lease; price £875; £500 can remain.

7.—**KENT (Suburb)**.—Light Cash Retail, under manager; returns £1,375; net profit £598; audited; rent £50; long lease; lock-up shop; stock and fixtures worth £550 to £600; price £850, or near offer.

8.—**LONDON, N.W.**.—Profitable Cash Retail, neglected; returns £30 to £35 weekly, was doing over £40; corner shop; low rent; valuable lease; price for quick sale £1,300.

9.—**LONDON, S.E.**.—Old-established Drug Stores, with Tobacco, in busy main road; returns £80 to £90 weekly; audited figures; long lease granted; stock worth £800 to £1,000; price £2,700.

10.—**NORTH LONDON**.—Working-class Cash Retail, with N.H.I.; main road position; returns about £1,300; net profit £400; low rent; stock worth £400; price £700, or close offer.

11.—**LONDON (Essex Suburb)**.—Cash Retail, Photo and N.H.I.; under manager; present returns £1,100 to £1,200; low rent; long lease; house attached; stock worth £300; price £550.

STOCKTAKING VALUATIONS.

Estab. 1870.

Telephone: Terminus 3574.

THE ASSOCIATION OF MANFG. CHEMISTS, LTD.

BUSINESS AGENCY, TRANSFER AND VALUATION DEPARTMENT.

Head Offices—Kimberley House, Holborn Viaduct, London E.C.1 (and at 2 Bixteth Street, Liverpool).

PARKIN S. BOOTH, Valuer.

'Phone: City 1261-2-3.

BUSINESSES FOR DISPOSAL.

1.—**LONDON, N.W.**.—General Retail and Dispensing Business, with Kodak Agency. Returns approx. £900. Gross Profit 45 per cent. Rent, inclusive of Rates, £85 p.a. Sublet £65 p.a. Vendor has good reasons for disposal. Further particulars on application. (52.)

2.—**HENDON, N.W.**.—For immediate disposal, well-established Family Retail and Dispensing Chemist's Business situate in thickly populated district, with P.O. attached. Lease 15 years to run at £100 p.a., exclusive. Further particulars on application.

3.—**LONDON, S.E.**.—For immediate disposal, small Wholesale Manufacturing Chemist's Business. Premises on monthly tenancy. Lease will be granted. Returns £2,160 p.a., run with small staff. Opportunity for person with small capital. (65.)

4.—**LIVERPOOL**.—Recently opened retail business in City. Turnover £9 per week. Stock £475. Fixtures and Fittings £46 approx. Rent £125 p.a.; Rates £90 p.a.

5.—**ESSEX**.—Seaside resort; three good retail dispensing businesses, all corner shops, held on long leases at moderate rents, parts let off. Modern fittings, well stocked. Offers invited for Goodwill, Fixtures and Fittings, and Stock at valuation. Further particulars on application.

6.—**MONMOUTHSHIRE**.—Old-established Retail Dispensing Business on lease, 14 years to run at a rental of £250 p.a. exclusive. Let off at £36 p.a. Returns for the last 3 years average £4,000 p.a. Stock approx. £2,500. Offers for Goodwill invited. Stock and fixtures at valuation.

Stocktaking Valuations: We undertake this work at special rates and invite early applications.

ERNEST J. GEORGE

CHEMISTS' BUSINESS SPECIALIST, VALUER, AND TRANSFER AGENT

Tel.: Earnest, Walsall.

TUDOR HOUSE, WALSALL.

'Phone: Walsall 3774

Quotations for Stocktaking or for Pricing Chemists' Own Stock Records Supplied on Application.

Correspondence is invited from prospective purchasers relative to the following businesses for disposal:—

(C1) **LONDON, S.E.**.—Old-established Drug Store and mixed business for disposal owing to family bereavement; returns for last three years average over £4,000 per annum; living accommodation; freehold, may be acquired or premises taken on lease; purchase price of business, £2,700, including value of Stock and Fixtures. (Awaiting visit.)

(C2) **KENT (COASTAL TOWN)**.—Pharmacy with optical connection, splendidly situated in busy thoroughfare; present returns approximately £2,000 per annum and increasing; well stocked and fitted; living accommodation available; good reasons for disposing; for a quick transaction the owner will be prepared to negotiate on very favourable terms, and would consider allowing part of the purchase price to remain, if necessary. (Visited and recommended.)

(C3) **LONDON, N.W.**.—Exceptional opportunity to secure established retail pharmacy showing average returns for last three years of approximately £2,200 per annum, with net profits of about £600; owner selling solely on account of domestic circumstances; for a quick sale an all-in purchase price of £1,350, which includes stock and fixtures estimated at £1,000, will be accepted, alternatively on valuation terms. The lease has 20 years to run at an annual rental of £92 10s., and there is a good N.H.I. Panel; accountant's figures are available to support returns, etc. (Visited and recommended.)

(C4) **LIVERPOOL (NEAR)**.—Old-established retail business for disposal on account of contemplated retirement; average returns approximately £1,600 per annum; net profits exceed £400; good living accommodation; excellent scope for further increase; purchase price approximately £1,000, including stock and fixtures estimated at £700. (Awaiting visit.)

(C5) **WORCESTERSHIRE**.—Pharmacy, recently converted from Drug Store, for disposal on account of family circumstances and staffing difficulties; present returns, £18-20 weekly, with excellent scope for increase under personal proprietorship, as there is no opposition in the district; good living accommodation; inclusive rental approximately £60 per annum; purchase price, £550, or goodwill £150, stock and fixtures at valuation. (Visited and recommended.)

(C6) **BERKSHIRE TOWN**.—Good Retail and Dispensing Business, with exceptional opportunities for Optics; present returns approximately £35 weekly; good income from sub-letting; living accommodation available if required; rent, £71 on lease; reasonable purchase price. (Visited and recommended.)

(C7) **LONDON, EAST**.—Established retail and dispensing business with good living accommodation; turnover approximately £2,300 per annum; net profits, £600; rent, £120; lease to suit purchaser. (Visited and recommended.)

(C8) **SURREY**.—Good country business in high-class district; turnover approximately £1,300; net profits, £350; long lease; modern house with all conveniences. (Awaiting visit.)

(C9) **KENT (SEASIDE RESORT)**.—Old-established retail business; returns for last financial year approximately £2,000; good living accommodation with side entrance; long lease; premises prominently situated; purchase price £1,850 or near offer. (Visited and recommended.)

(C10) **POPULAR SPA RESORT**.—Old-established pharmacy at present doing approximately £30 weekly; living accommodation; rent, £65 on lease; business has been partially neglected, and offers good scope for substantial increase; purchase price, £1,100 or near offer; owner retiring. (Visited and recommended.)

(C11) **LONDON, S.W.**.—Pharmacy (lock-up), for disposal on account of family circumstances; present returns approximately £15 weekly with good opportunities for considerable development; purchase price for quick sale £225. (Awaiting visit.)

(C12) **BLACKPOOL**.—Old-established retail and dispensing business situated in prominent position near sea front; good opportunity for gentleman with capital, as there is exceptional scope for increase and development; reasonable purchase price. (Awaiting visit.)

(C13) **GLOUCESTERSHIRE**.—Old-established retail business with good photographic trade; average returns approximately £1,200 per annum; net profits, £325; inclusive rental, approximately £43; long lease; could be carried on profitably as a drug store, if desired. (Awaiting visit.)

(C14) **LONDON, EAST**.—Established retail business now being carried on as Drug Store; present returns approximately £23 weekly; excellent scope for increase under qualified proprietorship, or could be profitably continued as Drug Store; purchase price, £525 or near offer. (Awaiting visit.)

(C15) **PORTSMOUTH**.—Drug Store doing £12-£14 weekly, with good scope for further increase; living accommodation; purchase price for quick sale £220. (Awaiting visit.)

SPECIAL ANNOUNCEMENT.—For the convenience of clients in London and the South an office will next week be opened at Sentinel House, Southampton Row, London, W.C.1, Tel.: Museum 8340, to which address communications from clients south of Oxford should be forwarded. A personal call is invited.

S. F. CLARK, F.N.A.A. 'Phone: Richmond 2210
CHEMISTS' VALUER & TRANSFER AGENT
 34 Marksbury Avenue, Richmond, Surrey
 Has businesses for disposal in LONDON (all districts),
 KENT, MIDDLESEX, SURREY, HANTS,
 to suit all buyers.
VALUATIONS
 for all purposes personally conducted at moderate fees.

JOHN BRIERLEY, F.N.A.A.
CHEMISTS' VALUER AND TRANSFER AGENT,
 135 Queen Street, Newton Heath, MANCHESTER
 Manchester (Suburb).—Returns £1,900 p.a., fine position, house,
 £1,150. Yorkshire (Spa).—Returns £1,400 p.a., low rent, lease £750.
 Hampshire.—Returns £1,850 p.a. (with valuable property), £2,800.
 North Wales.—Returns £1,500 p.a., good house, lease, £1,000.
 Others: Bolton, Sheffield, Reading. (Tel.: Failsworth 1913.)

YOUR BUSINESS DISPOSED OF at the right price too!!
 Potential Buyers waiting
ANNUAL STOCKTAKING & INCOME TAX PROBLEMS
 dealt with to your entire satisfaction—without worry and fuss.
CERTIFIED ACCOUNTS SAVE ANXIETY & MONEY ALSO

We can help you as we have helped others.
THOS. TOMLINSON & SON Chemists' Valuers, Accountants and
 Expert Stocktakers.
 46 VICTORIA ST., MANCHESTER. ESTAB. over 70 years
 Telephone: MARPLE 332. Telegrams: "TOMTOM" M/C.

BUSINESSES FOR DISPOSAL.

6s. for 50 words or less; 6d. for every additional 10 words
 or less, prepaid. (Box No., 1s. extra.)

EAST YORKSHIRE.—Modern Drug Store in growing seaside
 resort; main shopping centre; double-fronted; well fitted
 and stocked; scope for Optics or any side lines; rent £36
 yearly and rates; returns during the season from £18 to £30
 weekly, winter returns £9 to £10; steadily increasing; price
 for quick sale £285. 143/13, Office of this Paper.

HAMPSHIRE COAST.—Sound old-established Business,
 splendidly situated in main road, at present under manage-
 ment; average returns for the last three years £2,400; price,
 valuation plus agreed sum for lease and goodwill. 142/30,
 Office of this Paper.

HERNE BAY.—Established over three years; third year
 takings £1,065; lock-up shop; rent £35 yearly; rates £11;
 stock approximately £300; fixtures £145; growing district and
 shopping centre; price £575. L. W. Browning, M.P.S.,
 5 Broadway Buildings, Herne Bay.

LONDON, S.W. (Tooting).—Corner main road position; sound
 business; N.H.I.; exceptional scope for Optics; trade £27-
 £30 per week; living accommodation if required; valuable
 lease, 16 years; good stock and fittings; price £850 inclusive.
 Write 145/19, Office of this Paper.

MANCHESTER.—Chemist's Business for Disposal; very com-
 pact; takings £25 to £28 per week; N.H.I. 500 per
 month; easily worked; scope for increase; excellent opportunity
 for enterprising young pharmacist; price £700; property £750;
 genuine offer; cash buyers only. 144/5, Office of this Paper.

MANCHESTER.—General Retail and Dispensing Business,
 with Kodak Agency and own D. & P.; established 10
 years; excellent living accommodation; rent 30s. weekly clear;
 lease could be arranged; price £350. Further particulars on
 application. 145/5, Office of this Paper.

MIDDLESEX.—Well-fitted Pharmacist's and Optician's Store;
 Kodak Agency; complete D. & P. equipment and dark
 rooms; well stocked; excellent living accommodation, with
 separate entrances; rapidly developing district; premises are
 opposite railway station and bus terminus; price, including
 stock, modern shop front, fixtures, fittings and goodwill, £1,500;
 freehold can be purchased. 144/9, Office of this Paper.

NORTH DEVON.—Very old-established Business for Sale on
 account of death of proprietor; returns about £1,400;
 scope for considerable increase; property, with living accom-
 modation, price £1,200; large mortgage could be arranged;
 stock and fixtures at valuation. Apply Evans, Gadd & Co., Ltd.,
 Exeter.

NORTH LONDON.—Family Photographic and Optical; rising
 suburb; tube extension; freehold property, house and shop;
 separate entrance; garden and back entrance; could be let off.
 143/27, Office of this Paper.

SOUTH COAST.—Recently established Business for Sale;
 splendid shopping locality; good living accommodation; rent
 25s. weekly, or freehold can be purchased; returns £12 weekly;
 scope for substantial increase and opening for Optics; will
 accept £325 or close offer for quick sale; Kodak Agency;
 genuine bargain. 144/18, Office of this Paper.

SOUTH DEVON.—Middle- to good-class Business; small
 country market town near seaside resort; main street; no
 opposition; low rental; annual turnover £1,750; N.H.I., Kodak
 Agency; unopposed opening for Optics; reason for sale, owner
 deceased; price for quick sale, £1,250. Apply 142/34, Office
 of this Paper.

SOUTH-EAST COAST (fifty miles from London).—High-class,
 old-established Pharmacy, doing good season business and
 fair in winter; maisonnette over with veranda on first floor,
 overlooking the sea; five rooms; long lease at moderate rental;
 turnover present rate on £2,000; books properly kept and
 certified; price £1,850, which is practically covered by good,
 healthy stock. Further particulars on banker's reference. No
 agents or triflers. Sound reasons for selling. Apply 145/25,
 Office of this Paper.

A GREAT opportunity occurs in the offer of a main road
 Business in a Lancashire town, not dependent on cotton.
 The gross profits are large, owing to the sale of own Proprietary,
 and the scope for increase very considerable; Wine Licence;
 valuation terms entertained. 144/22, Office of this Paper.

CHEMIST-OPTICIAN wishes to dispose of Pharmacy portion
 of large shop in main street in West End London; estab-
 lished five years; last year pharmacy turnover £1,885; rent,
 including full use of fixtures, fittings, etc., £234 per annum
 inclusive; stock at valuation. Apply 145/15, Office of this Paper.

DRUG STORES.—Centre immense population, Portsmouth;
 established seven months; well fitted and stocked; grand
 position; no opposition; a real good opportunity for qualified
 man; five rooms, storeroom, scullery and garden; no bathroom;
 takings £12 to £14 per week; has done £19, but neglected
 owing to internal illness. This business should do £25-£30 per
 week easily; price asked, best offer over £175. 144/16, Office
 of this Paper.

HERBAL Drug Stores; 21 years' lease; double-fronted shop;
 £8 per week profit; illness cause of sale; good opening
 for Chemist; trial given; buses stop outside, trams opposite,
 station 50 yards; select quarter; all at £150, with stock and
 fixtures. Particulars, 14 Crystal Palace Parade, Upper
 Norwood, S.E.23.

OPTICAL Business; North London; established 4 years; turn-
 over £600; fine premises; good opportunity Chemist; price
 £550. Charles, 1 Compton Road, N.21.

£900, or nearest offer for quick sale.—Superior Drug
 Stores, Lancashire town; double-fronted; good
 living accommodation; rent £48 per annum; lease seven years;
 Kodak; extra good profits from own Proprietaries; audited
 returns, £1,583; present weekly average about £30; splendid
 scope for N.H.I.; only wants seeing. Apply 145/33, Office of
 this Paper.

AGENCIES.

BRITISH LANOLINE MANUFACTURER desires
 to appoint Selling Agents for the Drug and
 Perfumery Trades. Applicants must have good per-
 sonal connection with Wholesale Buyers. 199/149,
 Office of this Paper.

EXPORT Agency, with good introduction to all Export Houses
 in Hamburg and Bremen, is willing to undertake the repre-
 sentation of first-class Works and Packers; correspondence in all
 European languages. E. A. Meyer & Co., Hamburg 23,
 Blumenau 16. Telegrams: Pereira, Hamburg. Telephone 2
 25 5054.

OLD-ESTABLISHED Soap Manufacturers wish to get in touch
 with a firm with Travellers calling on Chemists who would
 handle their Toilet Soap. Apply 142/24, Office of this Paper.

BUSINESSES WANTED.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BERDOE & FISH are in urgent need of sound Businesses in all parts; cash buyers with capital up to £3,000 waiting to take immediate possession; correspondence from intending vendors cordially invited; quick sales negotiated privately. Transfer Offices, 41 Argyle Square, King's Cross, W.C.1. Phone: Terminus 3574.

BUSINESS wanted; turnover not less than £2,000 per annum, capable of increase; good living accommodation; moderate rent; alternatively suitable premises for opening a Chemist's. Full particulars 145/40, Office of this Paper.

DRUG Stores (small) required at once, must be low price or part remain, with accommodation; London or near; would manage and arrange for future purchase; advertiser well up; active, all-round man, age 40, and married; present situation 7 years as manager. 145/2, Office of this Paper.

LONDON, OR NEAR.—Sound Chemist's and Optical Business required; capital available up to £3,500; all particulars treated in strict confidence. 199/147, Office of this Paper.

LONDON.—Sound Business required in or near London; turnover £2,000 or over (preferably); cash available for immediate purchase; replies treated in strict confidence; no agents. 145/4, Office of this Paper.

SOUND Business required immediately, showing a net profit around £400 per annum. 145/16, Office of this Paper.

PREMISES TO LET.**BLACKPOOL.****THE FINEST CORNER SHOP YET OFFERED IN SOUTH SHORE.**

occupied by Messrs. Boots Cash Chemists, becomes vacant March quarter, situated corner of Bond Street and Station Road, with entrance in each, having frontages of 27 ft. and 24 ft. respectively; five windows; few yards Prom. Pleasure Beach; bath; long lease.

PACKERS' 174 PROMENADE, BLACKPOOL.

MANCHESTER (two doors off Market Street).—Splendid opportunity for Chemist and Druggist to open out in established Hairdressing Business, which is for Sale; good outlet for Chemist and Kodak supplies; no opposition; only wants seeing; busy thoroughfare; smart shop and basement; rent for whole premises £90 per annum. 143/20, Office of this Paper.

PHARMACY.—Lock-up Shop at reasonable rental; new L.C.C. estate, Barnes, S.W.; no opposition. Apply "C.", 139 Castelnau, Barnes. Tel.: Riv. 6115.

YORK.—To Let, lock-up Shop on route from station to Minster; no Chemist near; central heating; inclusive rent £100 per annum; lease granted; opposite meeting place of British Association this year; caretaker on premises, which will be fitted to suit trade on hire-purchase terms. Hetherton, Museum Street, York.

PREMISES FOR SALE.

LEYLAND (Near Preston).—New Freehold Premises, suitable for Chemist, consisting of shop, living room, kitchen, 4 bedrooms, bathroom and w.c.; separate entrance; electric light; new locality; growing district; splendid opening for beginner. Apply T. Greeuwood, 9 Withnell Road, S/S, Blackpool.

READING, BERKS.—Modern Corner Premises with ample living accommodation, centre of densely populated district; no Chemist within 1 mile; easily convertible to shop premises at small cost; freehold, £750. Henry F. Dunster, P.A.S.I., 2a King's Road, Reading.

SALISBURY (in best trading position).—Shop and upper part, with frontage of 18 ft.; present rent £175 per annum; long lease for sale at reasonable premium; suit Chemist, etc. Apply Hillier, Parker, May & Rowden, 27 Maddox Street, W.1. Tel.: Mayfair 7666.

SALES BY AUCTION.**UNRESTRICTED FREEHOLD.**

49 HIGH STREET, ARUNDEL.

Grand central position, opposite the Norfolk Hotel and the Motor Parking Place.

COMMODIOUS BUSINESS PREMISES,

Occupying an important corner site, with

30 Ft. FRONTAGE to HIGH STREET,

90 Ft. FRONTAGE to TARRANT STREET,

and having a ground floor shop area of about

FEET 2,000 SUPER.

Vacant Possession on Completion.

For Sale by Auction

At the NORFOLK HOTEL, ARUNDEL, on Thursday, the 10th March next, at 2.30 p.m., unless previously sold.

Full details from the Auctioneers:—

CONSTABLE & NAUDE, 2 Mount Street, Grosvenor Square, W.1.

SALE ROOMS, 5 LITTLE BRITAIN (close to G.P.O.) LONDON, E.C.1.

Removed from Slough, etc., for convenience of Sale.

Well-made CHEMIST'S SHOP FITTINGS, Drug Run, Dispensing Screen, Glass Counters, Wall Show-cases, Perfumery Desk, also Office Furniture, Safe, Typewriters, etc.

B. NORMAN & SON

Will Sell by Auction, as above, WEDNESDAY NEXT, at ONE o'clock.

On View day prior. Catalogues on application.

TENDERS INVITED.**SEVERALLS MENTAL HOSPITAL, COLCHESTER.**

THE Committee of Visitors invite Tenders for the supply of DRUGS for the six months ending 30th September, 1932.

For Form of Tender apply, enclosing stamped addressed envelope, to the Clerk of the Hospital, Severalls, Colchester.

Sealed Tenders must be received not later than 12th March, 1932, addressed to the Committee of Visitors, Severalls Mental Hospital, Colchester.

The Committee do not bind themselves to accept the lowest or any Tender.

PARTNERSHIPS.

QUALIFIED Chemist, experience in London, New York, Berlin, desires to enter into partnership with an established Chemist or open up; capital on the spot available. P.C.B. 25/13, Office of this Paper.

SALES Directorship and Interest for Sale in established London Agency Business representing well-known first-class firms; really genuine opportunity for business man with selling ability and able to control salesmen; preferably young salesman with connection or knowledge of London Chemists; moderate capital required. "Fleet," 144/21, Office of this Paper.

APPRENTICES.

APPRENTICESHIP wanted, in or near Watford preferred, by youth aged 17; nearly 2 years' all-round experience Counter, Windows, Dispensing; registered; excellent references. Liff, 31 Queens Road, Watford.

SITUATIONS OPEN.

RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

MR. R. WOOLBY BROOKE desires to express his thanks to those applicants for the vacancy, advertised in last week's Supplement, to whom it was impossible to reply directly.

LANCASHIRE.—Wanted, Pharmacist for small limited company; N.H.I. and light duties; elderly man might suit. Full particulars, stating salary (which must be strictly moderate), etc. Applications unanswered after 10 days respectfully declined. 143/14, Office of this Paper.

LONDON, S.W.—Man, with knowledge of Proprietary Medicines and Toilet Goods, for Drug Stock Room; age about 22. Write, stating particulars of past experience and wages required, to Box 188, Sells Advertising Offices, Fleet Street, E.C.4.

LONDON, N.W.—Qualified Junior Assistant (male) required for March 14, accustomed to glass Dispensing business; alternate Sunday duty; personal interview essential. Apply, stating age, experience, and salary required. Applicants not answered in three days declined. Apply 143/32, Office of this Paper.

LONDON, N.W.—Young, qualified Assistant, married, required for high-class Dispensing and Retail business; must be competent, trustworthy, and of good address; unfurnished apartments provided. Apply, with full particulars, salary, etc., to 145/35, Office of this Paper.

ASSISTANT, gentleman, young, and unqualified; applicant must be refined, of good address, smart appearance and manner; well trained in Dispensing and Counter essential; good-class business (head shop) between City and Epping Forest; no stamped envelope; full experience and salary. Matthews & Son, Chemists, 722 High Road, Leytonstone, Essex.

ASSISTANT (unqualified), about 30, Surgical Stores, Midlands; some experience in Trusses, Belts, Surgical Appliances; knowledge of office routine, typing preferred. Apply, stating experience, salary required, 144/17, Office of this Paper.

BRANCH Manager, aged 25 to 30, required for modern up-to-date pharmacy in centre of town, on the South Coast; one with Stores experience and some knowledge of Optics preferred; salary £4 to £4 10s. per week, according to experience. Reply, stating height, references, and enclosing photo, to 143/16, Office of this Paper.

CAPABLE young Assistant wanted at once for good-class pharmacy. All particulars first letter, please. Earl, "White House," The Avenue, Ickenham.

DISPENSING Chemist (woman) required by London County Council at the Manor Certified Institution, Epsom, Surrey; must have qualification of the Pharmaceutical Society and be practical Photographer; age under 40; salary (subject to temporary reduction) £220, rising to £500 a year; pensionable. For form of application (which gives full particulars) send stamped addressed envelope to Chief Officer (Ref. D.C.), Mental Hospitals Department, Artillery House, Artillery Row, S.W.1. Applications returnable by March 12, 1932. Marriage terminates contract of service. Canvassing disqualifies.

JUNIOR (male); unqualified; tall and not afraid of work; must be a capable and accurate Dispenser. Send full particulars, including references, age, height, when at liberty, recent photo (to be returned) and salary required (outdoors) to Powell, Horley, Surrey.

MANAGER, Irish L.P.S.I., wanted for Free State; must have first-class English Store experience; age about 30; unqualified Irish man considered if with right experience. 143/21 Office of this Paper.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 60 to 100 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

MANAGER wanted for our Barnet Branch, with first-class experience, and must be well recommended; men over 28 years only need apply, giving full particulars, to A. Maitland & Co., 8 Torrington Place, W.C.1.

QUALIFIED Junior required for Dispensing and Counter; six months' engagement, March to September; no holiday or Sunday duty; salary £3 10s. Full particulars to E. Rutter, 76 Church Road, Manor Park, E.12.

QUALIFIED Chemist and Optician wanted to manage newly-established branch; must be young and energetic; married (no children); flat over shop; easy reach of London. Full particulars and salary required to 143/9, Office of this Paper.

WANTED, qualified man capable managing alone; good Counter Display and Dispensing; wages £5 10s., or if married £5 and use of three rooms on premises; situated North London. 199/148, Office of this Paper.

YOUNG unqualified Assistant required from March 21 to November; Counter, Dispensing and Windows. Apply, stating age, height, references and salary required, to the Manager, Long & Strickland, Ltd., 21 High Street, Bognor Regis.

WHOLESALE.

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

COUNTER-HAND wanted for Wholesale Manufacturing Chemists and Druggists in Manchester district; must be experienced in Wet and Dry Room work. Applicants must give particulars of past experience and wage required. 199/142, Office of this Paper.

LARGE London Manufacturers of Pharmaceutical Specialities require Manager for this department; must be young, technically qualified, with fluent French. Write as briefly as possible consistent with full information, giving age, previous experience, and references. 199/145, Office of this Paper.

REPRESENTATIVES wanted for our well-known Health Salt and Tablet lines in the following districts: South Wales, Midlands, Eastern Counties, Notts and Derby, London and South Coast; liberal commission basis; good connection essential. Harrogate Tablet Co., Ltd., Harrogate.

WANTED, qualified man for Pharmaceutical Laboratory; good experience in Wholesale Compounding essential. 199/146, Office of this Paper.

WANTED, Traveller with proved good connection among Retail Chemists on salary and commission. Address reply, with full particulars, etc., Box No. 22, Day's Advertising Agency, 28/29 Temple Chambers, London, E.C.4.

WANTED, Representatives, calling on Chemists and Stores in London, to sell Chemists' Packed Goods; car essential; commission 10 per cent. Write, stating area worked and references, 199/143, Office of this Paper.

WELL-KNOWN London House have excellent opening for full-time Representative to sell their nationally advertised Proprietary to Chemists in North of England on commission with guaranteed minimum and all expenses; age not to exceed 40; a live connection in the territory and own motor car advantages, but not essential; only experienced salesmen need apply, and particulars of experience and connection must be given in detail. 199/144, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less, 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.A.—A qualified lady; experienced; quick and accurate Dispenser; good Saleswoman; Window-dressing and Photography. M. Goode, 36 London Road, Twickenham. Telephone: Popesgrove 1614.

A.A.A.—A Chemist, with real business ability, desires position as Manager; 14 years' experience, London, U.S.A. and Continent; good appearance; fluent French; City or West End preferred; would entertain representation with established house; interview any time. 144/40, Office of this Paper.

A.A.—MANAGER; qualified; single; reliable and energetic; good Salesman, Window-dresser; Photography; experienced Belt and Truss Designer and Fitter; first-class references; available now. "Chemist," 57 Sutherland Street, S.W.1.

A.A.—UNQUALIFIED, 22, requires post in London; good all-round man; excellent London references. "H., 10 The Croft, Sudbury.

A.—ANYWHERE.—M.P.S.; 24; Northern; 6 years' industrial, 18 months' high-class Manx and London managerial experience; Showcard Writer, Photography; Window-dressing Diploma. "Chemist," c/o 6 Archer Street, W.11.

A.—SENIOR Assistant; capable all duties; 6½ years last berth; several times Rexall Window-dressing Winner; age 35; excellent references; Birmingham or North. Clark, 31 Wills Street, Birmingham.

A.—UNQUALIFIED; 40; 5 ft. 8 in.; reliable; experienced; permanency preferred; abstainer; disengaged. Alexander, 189 Southampton Street, S.E.5.

A. CAPABLE, conscientious, qualified man, 27, married, seeks post, Manager or Senior; good all-round experience; London, Midlands or South Wales preferred; Locum or permanency; disengaged. Powell, 98 Lukermann Street, Wolverhampton.

A. CHEMIST-OPTICIAN, active, energetic man, requires position as Manager; thoroughly capable and reliable; used to complete control. 144/14, Office of this Paper.

A. QUALIFIED Chemist, 27, tall, smart, ambitious, 10 years' experience all branches, including management, requires position of responsibility; willing to invest. Webber, c/o 1 Glenholme Road, Roker, Sunderland.

A. QUALIFIED Chemist, age 26 years, married, requires position, Manager or Senior Assistant; nine years' good all-round experience. J. H. Cattrau, 104 Clapham Road, London, S.W.9.

A. QUALIFIED Chemist; 32; tall; experienced in all branches, Photography, etc.; Manager or Assistant; moderate salary; present disengaged. 144/28, Office of this Paper.

A. ADVERTISER, keen, gentlemanly, young Pharmacist, 25, sound all-round experience, seeks genuine investment in high-class established business; Southern county market town or resort preferred, not essential. 144/13, Office of this Paper.

A. N M.P.S., F.S.M.C., 30, seeks post as Manager; good all-round experience. "M.P.S.," 75 Avenue Road, Southampton.

A. S Locum or permanent; unqualified; 40; married; 20 years' London experience. Portnell, 36 Atherfold Road, Stockwell, S.W.9.

A. S Locum; qualified; 34; good experience; Assistant or Manager. Phone: Rodney 2719. "Chemist," 50 Grove Lane, Camberwell, S.E.5.

A. SSISTANT (female); 8 years' experience, N.H.I., Counter, Window-dressing, Photographics; Hall; capable manage branch under elderly superintendent or Senior position; East London or Essex; excellent references. 143/19, Office of this Paper.

A. SSISTANT, unqualified, requires berth in busy cash pharmacy; N.H.I., Windows, Photography; moderate wage. "T.," 62 Queensmill Road, Fulham Palace Road, S.W.6.

A. SSISTANT; unqualified; age 24; good all-round experience, Harrogate and London. "M.," 4 Brief Street, Myatt's Park, Camberwell, S.E.5.

A. SSISTANT, 22, unqualified, desires post; Eastern Counties preferred, but not essential; 6½ years' seaside and country experience; good Dispenser and Counter-hand; Photographic and Window-dressing knowledge; well recommended. 144/19, Office of this Paper.

B. IRMINGHAM DISTRICT.—M.P.S. (25) seeks responsible position, locum or permanent; disengaged. "B. A. S.," 238 Wheelwright Road, Erdington, Birmingham.

B. RANCH Manager or Assistant; 48; smart Salesman; good references. Munro, 49 Rosenthal Road, Catford, S.E.

C. HEMIST, having sold business in provinces, wishes to enter good London business as Assistant or Manager; interview anywhere. "T. M. W.," 35 Sherriff Road, West Hampstead, N.W.6.

C. HEMIST, free for service, requires position of trust; 20 years' Pharmacy and Photo; excellent credentials; state terms; interview or post. F. Harrison, Sentinel House, Southampton Row, London.

C. HEMIST, qualified, 29, experienced, desires post as Manager or Senior; any district; good references. "Chemist," 202b Dunstons Road, Dulwich.

C. HEMIST as Branch Manager or Qualified Assistant; first-class experience, eight years; excellent references. 13 Octavia Street, Battersea.

C. LIFFORD TREWAVAS, M.P.S., 19 Gloucester Road, S.W.7. requires position, Manager or Assistant; 11 years' good experience, last 3 years at Kensington.

D. ISPENSING, Counter, Prescriber, Stock, Books, Salesman; over 30 years' good experience; neat, clean and quick worker; whole or part time. "G.," 130 Scott-Ellis Gardens, N.W.8.

E. LDERLY; qualified; Superintendent, Dispensing, Locum. In reply state hours and duties required; terms moderate. "Salol," 145/32, Office of this Paper.

E. NTIRELY satisfied—last employer's reference. Qualified; 28; Manager or Assistant; capable and experienced all branches; Window-dresser. Lewis, 20 Meteor Street, S.W.11.

F. AIRWEATHER, MR.—Trustworthy, reliable man; Dispenser, Counter; wide experience; unqualified; elderly; smart; active. 286 Kingsland Road, E.8.

F. IRST-CLASS man, thoroughly experienced in all departments of the business, homely and energetic worker, with sound references, requires a situation. "Pushful," 143/33, Office of this Paper.

F. S.M.C., F.B.O.A., registered J.C.Q.O.; age 25; Refractionist; London Refraction Hospital trained; good Dispenser, Counter hand and creative Window-dresser; hard and conscientious worker; thoroughly recommended. "Pass-Boas," 11 Wulfstan Street, Shepherd's Bush, W.12.

G. ENTLEMAN, M.P.S., 28, 6 ft., good appearance and address, as Manager or Senior in good-class pharmacy; excellent experiences Provinces and West End; last Manageship 4 years; smart Dispenser, Salesman and Window-dresser, Photographics; keen; energetic; highest credentials; disengaged. 145/13, Office of this Paper.

G. ENTLEMAN open for immediate engagement; Locum or permanent; satisfaction assured; age 39; excellent testimonials; long and varied experience, London, Continental and provincial; fluent French. 107 Kimberley Road, West Southbourne.

J. UNIOR or Improver; tall; of good appearance; disengaged; part or whole time; London preferred. "K. V. B.," 4 Pennine Drive, N.W.2.

L. ADY, M.P.S., requires whole, part time or locum post; good general experience; free now. "Pharmacist," 252 Elgin Avenue, W.9.

L. ADY, unqualified, requires post, temporary or permanent; seven years' good Dispensing and general experience. Duke, 43 St. George's Road, Victoria.

L. OCUM or part time; excellent references; disengaged; London. "S. S.," 135 High Road, Lee, S.E.13.

L. OCUM; qualified; over 40; book in advance. Spencer, 214 Barnsley Road, Sheffield. Tel. No.: Sheffield 22632.

M. ALE Dispenser, 42, seeks post with Doctor; highest references, one 10 years; free go any district; at liberty. "Dispenser," c/o 28 Marchmont Street, W.C.1.

M. ANAGER; qualified; 37; experienced in organising and systemising branches, modernising older pharmacies; quality references; free now; London, Herts, Middlesex or Bucks; live out. 143/8, Office of this Paper.

M. ANAGER for Drug Stores, or unqualified Assistant; 19 years' Retail experience; previous post 17 years; 2 years manager of Drug Stores. R. E. Slee, 105 Fifth Avenue, W.10.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensues. Strict attention to this detail will be appreciated.

MANAGER, unqualified, with view to purchase; 43 years of age; disposed of own business; capable of managing staff; keen buyer; excellent references from wholesalers. Apply P.C.B. 25/21, Office of this Paper.

M.P.S., young, desires position as Manager or Assistant; Locum or permanency; 7 years' experience; disengaged. David L. Rushton, 27 Clifton Street, Kearsley, near Bolton.

M.P.S., 28, tall, married, excellent appearance, exceptional good all-round experience, seeks Managership first-class business; thoroughly capable and trustworthy. 145/31, Office of this Paper.

M.P.S. (lady); 23; excellent all-round Dispensing and Counter experience; locum or permanency. 1 Hopefield Avenue, Brondesbury Park, N.W.6.

M.P.S., F.B.O.A., J.C.Q.O., 30, offers joint services together with wife (6 years' good-class experience); we can supply energetic and up-to-date service in all departments, Dispensing, Refraction, Salesmanship, Window-dressing, etc.; thoroughly capable of taking complete charge if required; 7 guineas, or terms by arrangement. 144/11, Office of this Paper.

M.P.S., 33, married, tall, smart and energetic, desires position as Manager, preferably where succession or Partnership could be considered later; has had exceptionally good all-round experience, including last 5 years as manager of a first-class business; thoroughly competent and reliable. 145/24, Office of this Paper.

PART time or Locum; qualified; 28; smart; West-End experience. 145/401, Office of this Paper.

PHARMACY-TRAINED lady Dispenser (Hall); 7 years' excellent experience; Chemist, Doctor, Institution; first-class references; disengaged. "D.", 20 Denbigh Road, W.11.

QUALIFIED, 23, 7½ years' experience in company and private pharmacy, desires position in London or suburbs; excellent references. "M.P.S.", 18 Sherringham Avenue, Bruce Grove, Tottenham, N.17.

QUALIFIED; 50; ex-Manager; active; excellent references; good-class experience; any capacity; moderate salary; single. "Reliance," P.C.B. 25/16, Office of this Paper.

QUALIFIED, 24, desires position as Assistant; 8 years' all-round experience; knowledge of Optics. "E. G. J.," Bro Dawel, Gaerwen, Anglesey.

QUALIFIED, 25, tall, good appearance and address, seeks post; Locum or permanency; thoroughly experienced; first-class references; disengaged. 144/25, Office of this Paper.

QUALIFIED, 36, requires position as Manager or Senior; first-class all-round experience; well recommended; at liberty. "Serum," 144/26, Office of this Paper.

QUALIFIED; Manager and Buyer; 28; 5 ft. 10 in.; single; smart; London, seaside and provincial experience; interview. 145/400, Office of this Paper.

RECENTLY qualified; young; experienced; North and South; Assistant or Branch Manager; any district; free now. 145/15, Office of this Paper.

SCOT; qualified; 23; accustomed to quick N.H.I. and Counter trade. "Chemist," 29 Dunkeld Street, E.14.

SCOT; qualified; 23; experienced all branches; quick, accurate Dispenser; Manager or Assistant; keen. "Mac," 38 Dartmouth Road, N.W.4.

UNQUALIFIED, 21 (Part I), finished apprenticeship, requires situation until September before entering Part II; tall; energetic. 142/39, Office of this Paper.

UNQUALIFIED Assistant; 22; 5 years' London and provincial experience; excellent references. Ward, 9 Jellicoe Avenue, Lincoln.

UNQUALIFIED; 24; first-class Dispensing experience, City, West End and country; good references; disengaged. C. Hunter, 7 Redburn Street, S.W.3.

UNQUALIFIED (lady, 24); all-round experience. "D. M.," 41 Hollywood Road, South Kensington, S.W.10.

YOUNG lady, qualified, seeks post as Dispenser; experienced; knowledge of Book-keeping. S. Edwards, Groesfaen Farm, Bargoed.

WHOLESALE.

2s. for 18 words or less, 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A FIRST-CLASS Representative, with large connection London and suburban Chemists, Hairdressers, Stores, etc., experienced salesman, with ability and energy, handling Drugs, Toilet and Sundry Goods, desires immediate engagement. P.C.B. 25/22, Office of this Paper.

ADVERTISER (20) seeks change, Wholesale or Retail; Birmingham district; warehouse, laboratory experience; present situation six years; knowledge Dispensing; College Preceptors' certificate. "Drugs," 74 Manor Farm Road, Greet, Birmingham.

A N educated, young, qualified Pharmacist, 25, seeks position with Manufacturing House of repute with view to representation; sound references; small investment if desired. 145/28, Office of this Paper.

CAPABLE, energetic, 13 years' all-round Retail experience, desires progressive post with Manufacturer or Wholesaler as Representative; London area preferred. 144/6, Office of this Paper.

COUNTER-HAND seeks situation; Wets, Drys, Patents, Proprietaries; 6 years' good all-round experience; energetic; highest credentials. 144/32, Office of this Paper.

DRUG OR TOILET SPECIALITIES.—Keen, experienced Traveller, well known throughout West and South England, desires position; car owner. 146/6, Office of this Paper.

FIRST-CLASS Representative, prize records, knowledge of Drug and Toilet trade, desires position with house of repute; territory, Kent, Surrey, Sussex preferable, but not essential; first-class connection; resident Hastings. 143/39, Office of this Paper.

IRELAND.—Young man, with large influential connection in Southern Ireland, open to receive commissions, Proprietaries, Toilets, Drugs, etc. Write 143/37, Office of this Paper.

IRELAND.—Chemist's son, appearance, etc., seeks representation; well known to Medical, Dental and leading Wholesale and Retail men. 144/4, Office of this Paper.

MEDICAL Representative desires change; efficient; thoroughly experienced in first-class propaganda; qualified Pharmacist; age 26; personality; appearance; resident London. 144/39, Office of this Paper.

M.P.S., in own business, 28, married, desires change; representation for N.W. England preferred; Agency considered; whole or part time; own car. 142/32, Office of this Paper.

PHARMACIST, car owner, desires post as Representative; Scotland or North of England, part Scotland. James, Yellow Craig, Dunbar.

SALES Manager.—Do you require a Sales Manager with modern ideas and capabilities? If so, advertiser wishes to get in touch with House of repute. Free May 1st. "C," 143/340, Office of this Paper.

WELL-KNOWN and well-connected (London, Kent, Surrey and Sussex) Representative desires change; real "live wire" and capable of sending in orders, not promises; age 30; height 5 ft. 1 in.; and last, but not least, a Salesman. Representation is desired only with a House of repute, where figures of £10,000-£20,000 per annum are expected; also preferably Drug House. Write "Zingiberis," 143/34, Office of this Paper.

WELL-KNOWN Representative, with long-established connection in Yorkshire, has opening for one extra line; good opportunity for manufacturer marketing new Proprietary or any established product; excellent references. 145/23, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN.

EXPERIENCED Representative, age 32, speaking fluent French, Spanish, Italian, seeks position; home or abroad. P.C.B. 25/23, Office of this Paper.

QUALIFIED Chemist, 25, 6 ft., strong, 9 years' experience, three years manager in Africa, wishes to join firm operating in British Colony or Protectorate who offer reasonable opportunities of advancement and encourage investment in firm; excellent references; appointment for life wanted. "D.", 84 South Clerk Street, Edinburgh.

CLEAR OUT—your Old or Damaged Stock of Photo Goods

Why keep them any longer? Turn them into CASH.
I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers. Cards (any sizes). Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.

S. E. HACKETT, 23 July Road, Liverpool

FOR SALE.

CHEWING SWEET.—Recipe of these goods for Sale in Great Britain; very good conditions for manufacturer. For full particulars apply Aarhus Annoncebureau, Aarhus, Denmark.

GLASS Ointment Jars with metal caps, 27 gross $\frac{3}{4}$ oz., 5 $\frac{1}{2}$ gross 1 oz., 1 $\frac{1}{2}$ gross 2 oz.; exceptionally cheap. Brown, Garden Hill, Sligo.

PHOTO.—Five (10 gallon) Kodak Developing Tanks, 20 Rods, two (10 gallon) Wood Washing Tanks, one (12 x 8) Gas-heated Dry Mounting Machine; owner installing larger plant; inspection invited; £10 the lot. Nundy, 15 Radford Road, Leamington.

MISCELLANEOUS.

10s. for 60 words or less; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A SET OF SECOND-HAND PHARMACY FITTINGS, all re-conditioned, splendid value, 6 ft. 6 in. mirror centre Dispensing Screen with drawers, 12 ft. glass-cased Serving Counter with drawers, bent Toothbrush Case, 5 ft. bent plate-glass Counter Case, handsome Perfume Case and Desk, 12 ft. Drug Fitting, 8 ft. Wall Case, £77. Cannot be repeated. **PHILIP JOSEPHS & SONS, LTD.**, 90-92 St. John Street, London, E.C.1.

A VERY SMART PHARMACY IN OAK, £84 10s.—10 ft. Drug Fixture, mirrored door centre, 50 glass labelled drawers, cut glass knobs, lockers under, and a cupboard each end; 8 ft. Counter, glass front; 6 ft. Wallcase, all eashes glazed; 5 ft. Dispensing Screen, mirrored centre. **RUDDUCK & CO.**, Chemist Shop Front Builders and Fitters, 219 and 227 Old Street, London, E.C.1.

FOR Sale, 3,000 lbs. Malic Acid, food quality, in lots to suit purchasers. Offers to 143/17, Office of this Paper.

THERE'S MONEY IN NAIL VARNISH

Magnificent Permanent Glossy Lacquer in all Shades. Does not peel, crack or discolour. British Firm equipped to supply large quantities at low unbeatable prices, invite inquiries for Bulk or Packed for Sale under user's private brand.

P.C.B., 25/2, Office of this Paper.

CHEMISTS' FITTINGS.—We hold an immense stock of Drug Fittings, Dispensing Screens, Glass Fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate-glass Counters, Cash Tillis, Display Stands and Glass Shelves, etc., ready for immediate delivery at competitive prices. Write or call for List. **F. MAUND & E. BERG (SHOWCASES), LTD.**, 175/9 and 336 Old Street, London, E.C.1.

CHEMISTS' MAHOGANY FITTINGS.—Complete Drugfittings, 14 ft., 12 ft., 10 ft. and 8 ft. long, 8 ft. 6 in. high, Wallcases, 10 ft., 8 ft., 7 ft. long, 8 ft. 6 in. high; Glass-front Counters, 12 ft., 10 ft., 8 ft. and 7 ft. long; one Wallcase, 4 ft. 6 in. wide, 7 ft. high, 1 ft. deep; Dispensing Screens, 7 ft., 6 ft. and 5 ft. long; two 4 ft. Nests Counter Drawers; low prices to clear; sketches by return. **GEORGE COOK**, The Working Shopfitter (over 40 years' experience), 27 Macclesfield Street, City Road, E.C.1. Clerk. 5371.

TREBLES' for Chemists' Fittings, Shop Fronts, Alterations, new or second-hand. Let us quote for your requirements. Pharmacy Fitters for over a century. 549 Lea Bridge Road, Leyton, London, E.10. Leytonstone 2475.

EXCHANGE COLUMN.

2d. per word: Minimum 2s. (Box No., 1s. extra.)

FOR DISPOSAL.

CASH REGISTER for Sale, in perfect condition; suit any kind of business; small key range; gives total of "No Sale," "Paid Out," and "Charge," sales, number of customers. Write **A. Wells**, 88 Sandilands Road, Fulham, S.W.6.

WANTED.

NATIONAL CASH TILL wanted; must be small model. Write P.C.B. 25/5, Office of this Paper.

TESTING CASE, also Ophthalmometer. Give particulars and price, 139/10, Office of this Paper.

ANY SECOND-HAND WALL CASES, Counters and other Fixtures suitable for Chemists and Surgical trade. Hall, 50 Chancery Lane, W.C.1.

THE SUPPLY OF SUPPLEMENTS

The clerical work in connection with the posting of spare copies of the Coloured Supplement week by week has increased to such an extent that we have been compelled to reorganise our system of distribution. Our readers will please note, therefore, that in future, instructions can be accepted for not more than six successive issues of the Supplement at a time, and that in every case the name and full postal address should be written on **Post Office Wrappers, Stamped ONE PENNY**, to ensure prompt delivery.

If wrappers bear a halfpenny stamp only, postal delivery is delayed.

LOOSE STAMPS WILL NOT BE ACCEPTED.

